# Experimental Drawdown Study, Lower Granite Reservoir, North-Central Idaho, March 1992

By R.W. Harper and S.W. Lipscomb

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#### **CONVERSION FACTORS**

Multiply	Ву	To obtain
cubic foot per second (ft <sup>3</sup> /s)	0.02832	cubic meter per second
foot (ft)	0.3048	meter
foot per second (ft/s)	0.3048	meter per second
mile (mi)	1.609	kilometer
pound (avoirdupois) (lb)	4.536	kilogram
square inch (in <sup>2</sup> )	0.00065	square meter
ton per day (ton/d)	0.9072	megagram per day
ton per day per foot [(ton/d)/ft]	2.976	megagram per day per meter

Temperatures in °C (degrees Celsius) can be converted to °F (degrees Fahrenheit) as follows:

$$^{\circ}F = (1.8)(^{\circ}C) + 32$$

Water temperatures are reported to the nearest 0.1°C.

## EXPERIMENTAL DRAWDOWN STUDY, LOWER GRANITE RESERVOIR, NORTH-CENTRAL IDAHO, MARCH 1992

By R.W. Harper and S.W. Lipscomb

#### **Abstract**

Sediment, water temperature, light transmissivity, dye traces, and velocity were among the data collected during the experimental drawdown of Lower Granite Reservoir. This reservoir on the Snake River near the Idaho-Washington border was partially drained during March 1992 to evaluate the effect of increased velocity on the out-migration of salmon smolt.

During the drawdown, the reservoir was reduced from normal full-pool capacity to less than 25 percent of full-pool capacity. Specific river-mile locations, or transects, were visited and data representative of conditions in the reservoir at full-pool capacity, one-half drawdown, and full drawdown were collected. Samples of suspended sediment, bedload, and bed material were obtained at two streamflow-gaging stations and four transects; water temperature and light transmissivity profiles were obtained at nine transects; time-of-travel studies using dye tracers were made in two reaches of the Snake River in the reservoir and directly upstream; and numerous velocity profiles were obtained from 23 transects.

#### INTRODUCTION

From 1950 to 1970, a series of dams was built on the lower Snake and Columbia Rivers in Washington. The multipurpose reservoirs created behind these dams provide storage capacity for flood control and downstream hydropower production. Each dam includes locks for the passage of barges, and the interconnected reservoirs allow navigation from the mouth of the Columbia River in Washington to Lewiston, Idaho (fig. 1). Lower Granite Reservoir is at the upstream end

of this series of navigable reservoirs, and the confluence of the Snake and Clearwater Rivers is at the upper end of Lower Granite Reservoir. Two streamflow-gaging stations—Clearwater River at Spalding, Idaho, and Snake River near Anatone, Washington (fig. 1)—have been in continuous operation for 69 and 33 years, respectively. These gaging stations provide data on reservoir inflow.

The numbers of salmonid species returning to spawn in headwater streams in Idaho have declined since the construction of the dams. State and Federal resource agencies and wildlife-protection organizations are concerned that immature salmonids (smolts) are being delayed and (or) disoriented in the long, slowmoving reservoirs during their out-migration journey to the Pacific Ocean and are falling prey to disease and predators. It has been estimated that only a small number of smolts find their way through the reservoir system to return to the ocean. The 1991 listing of the Snake River sockeye as an endangered species, and the probable listing of the Snake River fall chinook have provided the impetus to find countermeasures to reverse the decline in salmonid populations in the Snake and Columbia River systems.

#### **Purpose and Scope**

Among measures being considered for reversing the decline in salmonid populations is the annual drawdown of some or all reservoirs on the lower Snake River during the period of maximum smolt outmigration. Lowering pool elevations below present operational levels would result in increased velocities throughout the reservoirs. It is anticipated that the increased velocities will enhance smolt out-migration; however, a possible consequence of this reservoir management scheme is the reentrainment of sediments deposited under stillwater conditions in the upper ends of the reservoirs. The movement and redistribution of

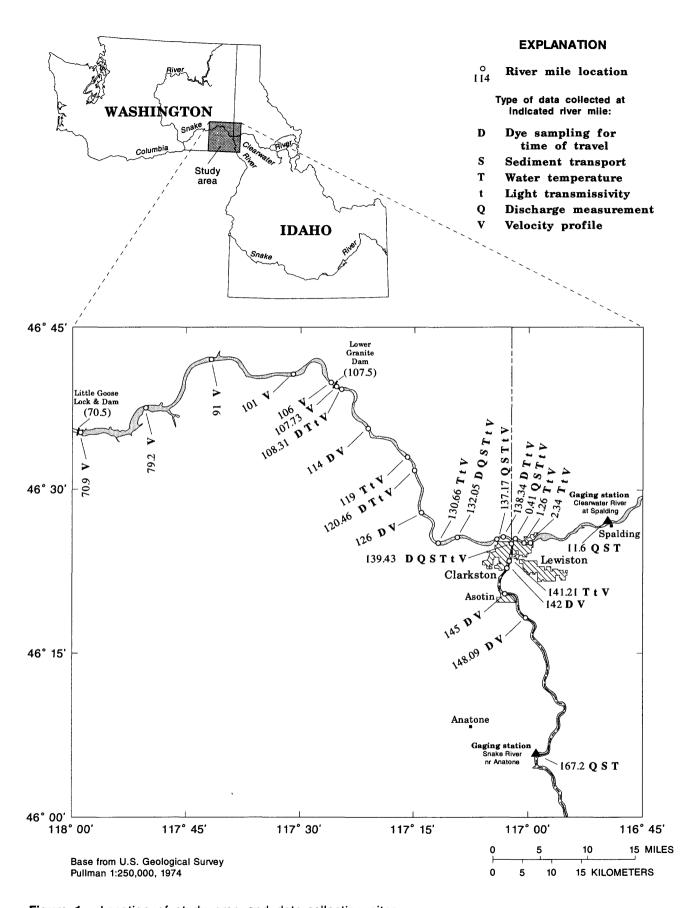


Figure 1. Location of study area and data-collection sites.

large amounts of sediment may adversely affect migrating smolts as well as spawning adult salmon.

Although computer-simulation models are available to predict hydraulic and sediment changes during reservoir drawdowns, an actual drawdown of Lower Granite Reservoir during March 1992 was done to collect data for verification of model results. The purpose of this report is to provide results of these data-collection activities.

Data were collected during four periods at various pool elevations to provide information on sediment particle-size distribution and transport rates, water temperature and light transmissivity profiles, time of travel

Table 1. Cross-section locations and type of data collected

[a, location of streamflow-gaging station 13334300, Snake River near Anatone, Washington; b, location of Lower Granite Dam; c, location of Little Goose Dam; d, location of streamflow-gaging station 13342500, Clearwater River at Spalding, Idaho]

		Ту	pe of data		
River mile	Sedi- ment	Tem- per- ature	Light trans- missi- vity	Dye time of travel	Velocity
		Sr	ake River		
167.2 a	X	X			
148.09		X	X	X	X
145.00		X	X	X	X
142.00			X	X	X
141.21		X	X		X
139.43	X	X	X	X	X
138.34		X	X	X	X
137.17	X	X	X		X
132.05	X	X	X	X	X
130.66		X	X		X
126.07				X	X
120.46		X	X	X	X
119.00		X	X		X
113.90				X	X
108.31		X	X	X	X
107.73					X
107.5 b					
106.00					X
101.00					X
91.00					X
79.20					X
70.90					X
70.5 c					
		Clean	rwater Rive	r	
11.6 d	X	X			
2.34		X	X		X
1.26		X	X		X
0.41	X	X	X		X

of water through Lower Granite Reservoir, and velocity profiles for river and reservoir cross sections. Velocity data also were collected at Little Goose Reservoir at the normal operating level (full-pool capacity) with the intent of collecting additional data as the pool elevation was lowered. Plans to draw down Little Goose Reservoir were not implemented; therefore, no additional data were collected.

#### **Approach**

The data-collection program was planned in cooperation with the Hydrology Section of the U.S. Army Corps of Engineers (Corps), Walla Walla District, Washington, who coordinated the drawdown. U.S. Geological Survey (USGS) involvement was coordinated by the Idaho District on behalf of the Pacific Northwest Area. Crews and equipment were assembled from three of the Pacific Northwest Districts (Idaho, Oregon, and Washington).

Three weeks of data collection originally were planned to coincide with the (1) full-pool capacity of the Lower Granite Reservoir prior to drawdown during February 25–27; (2) water level and flow conditions at about one-half drawdown during March 5–7; and (3) water level and flow conditions at full drawdown, which was about 25 percent of the full-pool capacity of the reservoir during March 17–19. From March 23 to 27, Lower Granite Reservoir upstream from Lower Granite Dam was lowered an additional 5 or 6 ft. During this period, velocities were measured near the dam as large volumes of water were released during planned spillway tests.

Two additional weeks of data collection were planned at Little Goose Reservoir. These periods were to coincide with the full-pool capacity and full drawdown. The first week of data collection at Little Goose Reservoir was completed as scheduled during March 9–13. The second week of data collection was cancelled when the Corps decided not to draw down the reservoir.

Corps personnel flagged the ends of the river and reservoir transects assigned to the USGS as data-collection locations. Cross-section locations and type of data collected at the assigned locations are listed in table 1. Locations are indicated by river mile. River miles are numbered beginning with "0" at the mouth and increase upstream.

#### SEDIMENT TRANSPORT

Discharge and sediment data were collected at gaging stations Snake River near Anatone, Washington (13334300), and Clearwater River near Spalding, Idaho (13342500), and four transects in the reservoir basin to gain information about the movement or reentrainment of sediment as the reservoir was drawn down. Discharge data were collected by a two-person crew working from cableways. Sediment data were collected by a four-person crew from a boat equipped with hydraulic hoisting equipment. Standard USGS techniques (Buchanan and Somers, 1969; Guy and Norman, 1982) were used for data collection.

Depth-integrated water samples for analysis of suspended sediment were collected using a standard PS-61 sampler and the equal-width-increment method (Guy and Norman, 1982). Suspended-sediment discharge was computed using the equation:

$$Qs = Qw \times Cs \times k , \qquad (1)$$

where

Qs = suspended-sediment discharge, in tons per day;

Qw = water discharge, in cubic feet per second:

Cs = concentration of suspended sediment, in milligrams per liter; and

 k = 0.0027, a conversion coefficient based on a sediment specific weight of 2.65.

Bedload samples were collected using a Helley-Smith bedload sampler with a 9-in<sup>2</sup> orifice (Emmett, 1979). Samples were collected at 10 to 20 equally spaced locations within the cross section. The samples were air dried, and size distribution was determined by dry-sieve analysis. Bedload discharge was computed using the equation:

$$Qb = k \times \frac{Wt}{T} \times gt, \qquad (2)$$

where

Qb = bedload discharge, in tons per day;

 k = 0.381, a factor to convert grams per second per foot into tons per day per foot (Edwards and Glysson, 1988, p. 103-104);

Wt = total width of the stream, in feet;

**Table 8.** Water and sediment discharge for 3 days in February and March 1992, Snake River

[ft<sup>3</sup>/s, cubic feet per second; ton/d, tons per day]

Date	Water discharge (ft <sup>3</sup> /s)	Suspended sediment discharge (ton/d)	Bedload	Total sediment discharge (ton/d)
Snake Riv	er near Anatoi	ne (streamflov	v-gaging stati	on 13334300)
2-25-92	23,900	581	4.0	585.0
3-05-92	22,100	537	.72	537.7
3-17-92	23,700	704	.51	704.5
	Snak	ke River mile	139.43	
2-25-92	23,400	632	4.0	636.0
3-05-92	28,100	1,366	2.6	1,368.6
3-17-92	22,100	17,424	817.3	18,241.3
	Snak	e River mile	137.17	
12-25-92	36,000	5,152	23.5	5,175.5
	72,400	10,360	24.5	10,384.5
	75,400	10,790	24.2	10,814.2
	6,125	876	22.0	898.0
3-05-92	37,600	1,726	69.5	1,795.5
3-17-92	27,600	38,005	700.1	38,705.1
	Snak	e River mile	132.05	
2-26-92	39,800	1,075	0	1,075.0
3-06-92	36,600	2,965	0	2,965.0
3-18-92	34,980	4,628	23.6	4,651.6

<sup>1</sup>While the sediment sampling was in progress at river mile 137.17 on 2-25-92, the discharge (as measured by the acoustic doppler current profiler) was fluctuating in response to changing storage releases at Lower Granite Dam. Consequently, four sediment discharges were computed.

total time, in seconds, that the bedload sampler was on the bed, calculated by multiplying the sample time by n (n = total number of vertical samples); and

gt = total grams of sample collected in the cross section.

Bed-material samples were collected at the same equally spaced location in the cross section where bed-load samples were obtained. Bed-material samples were collected using a BM-54 sampler taking a single scoop from the streambed. Particle-size distribution for the bed-material samples was determined by dry-sieve analysis. Bedload and bed-material particle-size distributions for the six sites are presented in tables 2-7 (back of report). Total sediment discharge data (suspended and bedload) are presented in tables 8 and 9.

**Table 9.** Water and sediment discharge for 3 days in February and March 1992, Clearwater River

[ft<sup>3</sup>/s, cubic feet per second; ton/d, tons per day]

Date	Water discharge (ft <sup>3</sup> /s)	ge discharge discharge		Total sediment discharge (ton/d)
Clearwater l	River at Spald	ing (streamflov	v-gaging statio	on 13342500)
2-26-92	9,970	215	0.11	215.1
3-06-92	10,200	220	0.15	220.2
3-18-92	12,100	359	0.35	359.4
	Cleary	vater River mi	le 0.41	
2-26-92	9,330	327	183.9	510.9
3-06-92	12,000	4,309	84.9	4,393.9
3-18-92	9,051	46,920	2,978.3	49,898.3

## WATER TEMPERATURE AND LIGHT TRANSMISSIVITY

Background water temperatures at the two gaging stations that monitor Lower Granite Reservoir inflow are shown in tables 10 and 11. Water temperature data at these two sites are collected continuously by thermographs linked to automatic digital recorders.

Vertical profiles of water temperature and light transmissivity generally were collected from five evenly spaced locations along each assigned cross section. A light transmissometer was suspended from one side of the boat and, simultaneously, a recording thermometer with digital readout was suspended from the opposite side. Temperature was logged generally from 20, 40, 60, and 80 percent of total depth at each vertical location. Light transmissivity readings were logged at 3-ft intervals throughout the water column. Water temperature was recorded to the nearest 0.1 °C. Light transmissivity was measured as an index of water turbidity. The more turbid water has a greater propensity to extinguish light. The relative scale may range from 100 percent (totally translucent) to 0 percent (totally opaque). In the riverine environment where high velocities were encountered, the light transmissometer did not work well. The large-diameter cylindrical casing tended to plane on the surface. To overcome this problem, a "drift and drop" method was developed to acquire light transmissivity data. In this method, the boat was maneuvered slightly upstream from the section, engine power was cut back, and the boat was

**Table 10.** Background water temperature at streamflow-gaging station 13334300, Snake River near Anatone, Washington, February and March 1992

[Water temperature, degrees Celsius; max, maximum; min, minimum; —, no data available]

	February		Ма	rch		February		Mai	rch
Day	Max	Min	Max	Min	Day	Max	Min	Max	Min
1	_		7.7	6.7	17	_	_	_	_
2			7.6	6.9	18				_
3		_	7.7	6.8	19	_			
4		_	8.3	6.9	20	6.2	5.1	_	_
5			7.3	6.6	21	6.2	5.8		
6	_	_	7.4	6.6	22	6.6	5.7	_	_
7		_	7.6	7.2	23	6.3	5.7		_
8	_		7.8	7.3	24	6.7	5.9		
9			_		25	7.3	6.3		
10			_		26	7.3	6.7		
11		_	_	_	27	7.2	6.3		_
12	_		_	_	28	7.2	6.4	_	
13			_		29	7.2	6.6	_	
14		_			30			_	_
15		_			31			_	
16									

**Table 11.** Background water temperature at streamflow-gaging station 13342500, Clearwater River at Spalding, Idaho, February and March 1992

[Water temperature, degrees Celsius; max, maximum; min, minimum; —, no data available]

	February		Ma	rch		February		Mar	ch
Day	Max	Min	Max	Min	Day	Max	Min	Max	Min
1			8.0	8.0	17		_	9.0	9.0
2			8.0	8.0	18			9.0	9.0
3			8.0	8.0	19		_	8.0	8.0
4	_	<del></del>	9.0	9.0	20	5.5	5.5	9.0	9.0
5		_	9.0	9.0	21	5.5	5.5	9.5	9.5
6	_		8.5	8.5	22	6.5	6.0	9.5	9.5
7			8.5	8.5	23	6.5	6.0	9.0	9.0
8			8.5	8.5	24	6.5	6.5	9.0	9.0
9		_	9.0	9.0	25	7.0	6.5	9.5	9.5
10		_	9.0	9.0	26	7.0	7.0	9.5	9.5
11	_	_	8.5	8.5	27	8.0	8.0	9.5	9.5
12			8.5	8.5	28	8.0	8.0	9.5	9.5
13		_	9.0	9.0	29	8.0	8.0	9.5	9.5
14	_		8.5	8.5	30			10.0	10.0
15		_	9.0	9.0	31			10.5	10.5
16	_	_	9.0	9.0	1				

allowed to drift back through the section. When the boat was again on section, the probes were lowered to about one-half total depth as recorded by the boat's fathometer. A rapid reading was made at three equally spaced locations within the cross section. The lateral

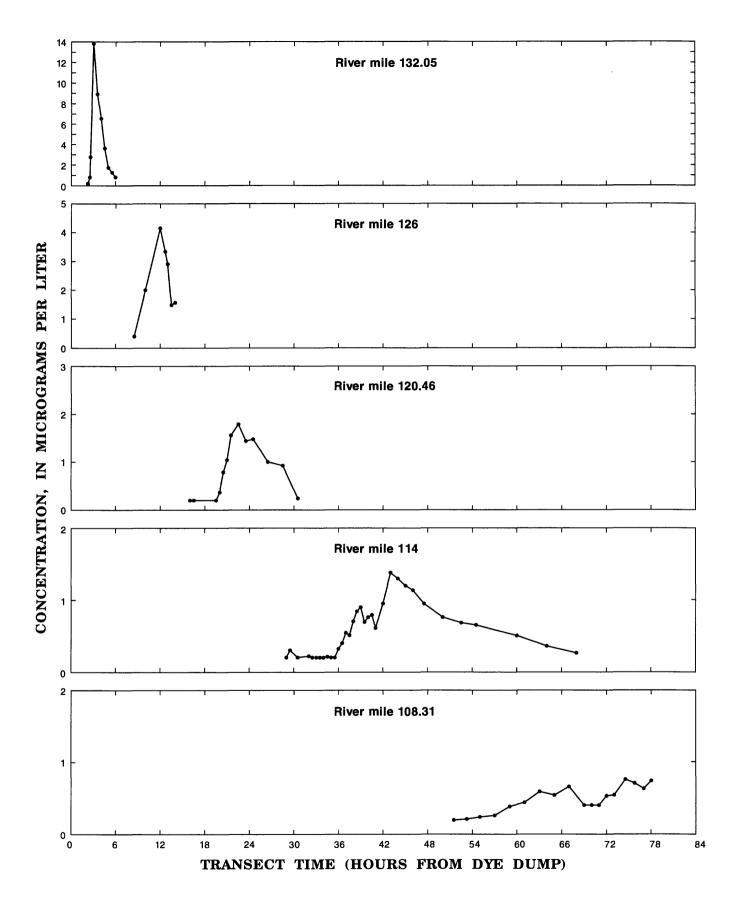


Figure 2. Time of concentration curve, Snake River, March 1720, 1992. (Flow was variable because of dam operation)

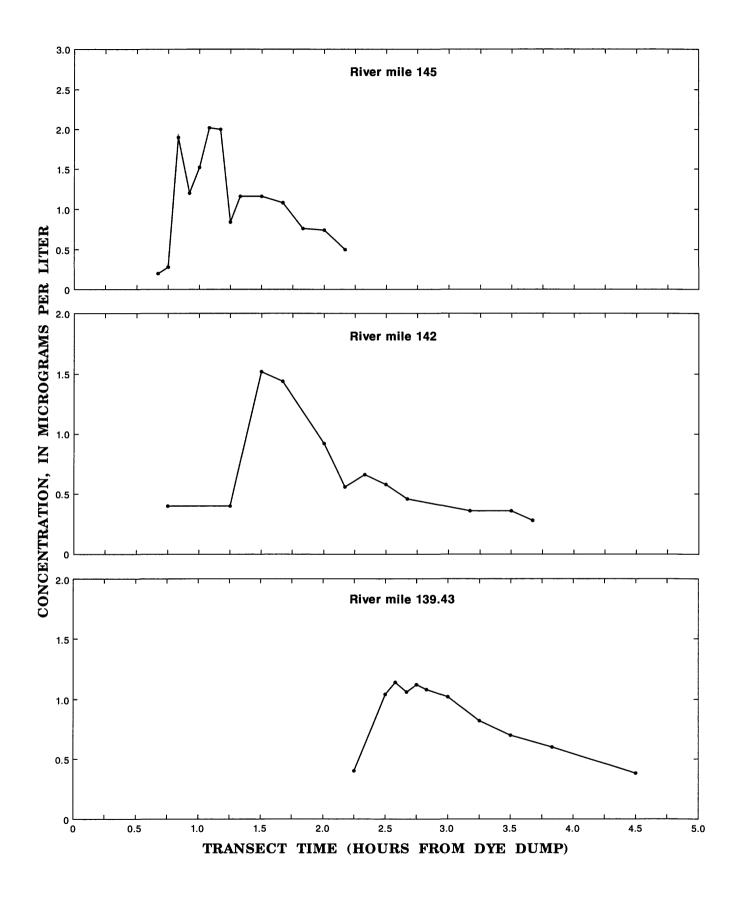


Figure 3. Time of concentration curve, Snake River, March 19, 1992. (Average flow was 31,000 cubic feet per second)

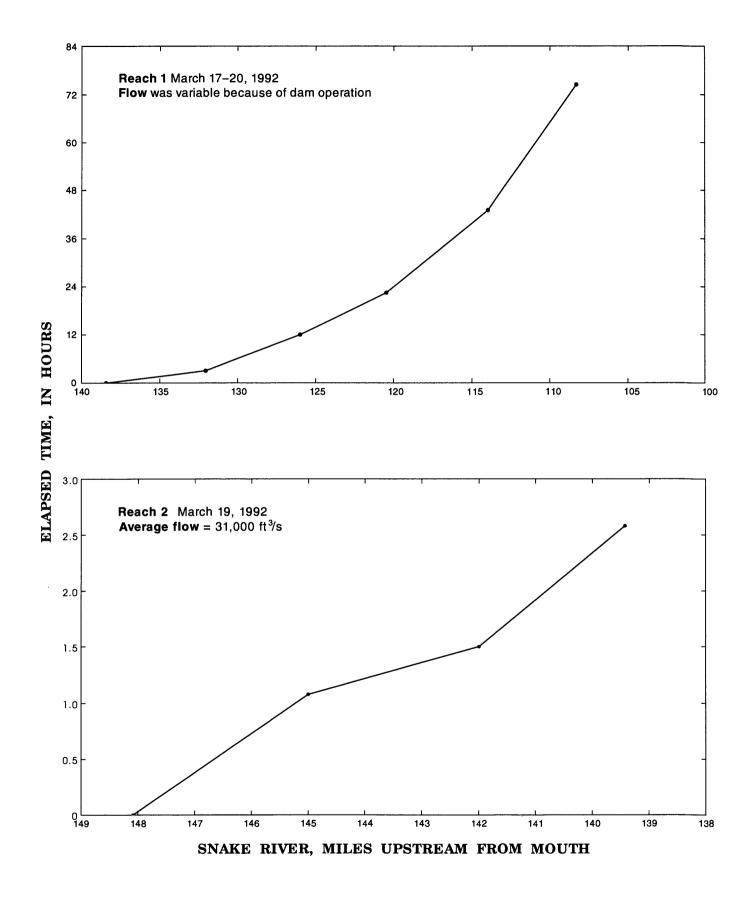


Figure 4. Time of travel of dye cloud (peak concentration), Snake River, March 17-20, 1992.

distribution of temperature and light transmissivity also were recorded in this manner; the vertical distribution was assumed to be constant in the turbulent flow. Data collected from several verticals at each river mile location assigned are shown in tables 12–48 (back of report).

#### TIME OF TRAVEL BY DYE TRACING

The determination of time of travel using dye tracers involves injecting a dye at some location in a stream and measuring the resulting dye concentrations at other locations downstream (Kilpatrick and Wilson, 1989). When a fluorescent dye is used as a tracer, the degree of fluorescence can be determined with a fluorometer. The concentration of dye in the sample is directly proportional to its fluorescence.

Each boat used to collect dye samples during this study was equipped with a Turner Model 10 fluorometer so samples could be examined quickly (Wilson and others, 1986). The fluorometers were calibrated under

laboratory conditions and checked with dye standards immediately prior to their use in the field and again after their use. The three fluorometers used in this study remained in calibration throughout the study.

At each assigned cross section, three water samples were collected randomly and sealed for later analysis of fluorescence and comparison with the field values determined at relative field locations. No random-sample value departed significantly from its corresponding field value.

On March 17, at 1200 hours, 275 pounds of liquid Rhodamine WT dye was dumped at Snake River mile 138.34 (downstream from the confluence of the Snake and Clearwater Rivers). The dye was distributed evenly across the river from three boats. Other boat crews waiting downstream began sampling for the dye at about 1400 hours. At each assigned cross section in the reservoir, samples were dipped from the surface at five evenly spaced locations. Additionally, subsurface samples were obtained at the three middle locations by using Van Dorn "thief samplers" to assure that a

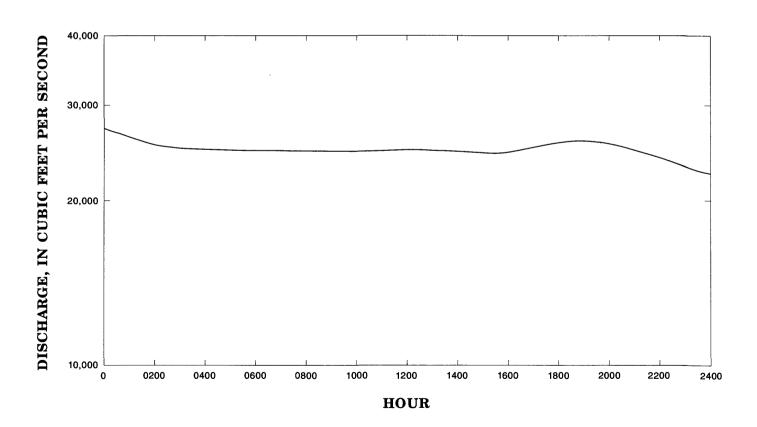


Figure 5. Instantaneous discharge at gaging station 13334300, Snake River near Anatone, Washington, March 19, 1992.

sample representative of the entire transect was obtained. Dye concentration values obtained from five to eight samples were averaged to compute a relative concentration for each transect. The dye was traced through the length of Lower Granite Reservoir by sampling at sections about 6 mi apart. Sampling continued for 78 hours from March 17 to 19; during some periods, two or three sections were sampled simultaneously.

Following the dye dump on March 17, the leading edge of the dye cloud was observed as follows:

River mile	Hours
132.05	2.5
126.07	10
120.46	20
113.90	36
108.31	57

On March 19, at 0730 hours, 20 pounds of Rhodamine WT dye was dumped from two boats at Snake River mile 148.09 (upstream from Asotin, Washington). The

dye was traced by sampling at sections about 3 mi apart in the same manner as for the March 17–19 test.

Following the dye dump on March 19, the leading edge of the dye cloud was observed as follows:

River mile	Hours
145.00	0.75
142.00	1.25
139.43	2.25

A plot of concentration against time was used to define the dye-response curve at each sampling site. Time of travel was measured by observing the time required for movement of the dye cloud, as defined by the response curve between sampling sites. Any identifiable point on the moving cloud—leading edge, trailing edge, centroid, or peak— can be used to calculate a time of travel (Kilpatrick and Wilson, 1989). For this study, the peak was used. Curves of concentration plotted against time for each of the eight transects used for dye sampling are shown in figures 2 and 3. Curves that represent the time of travel of the peak dye concentration

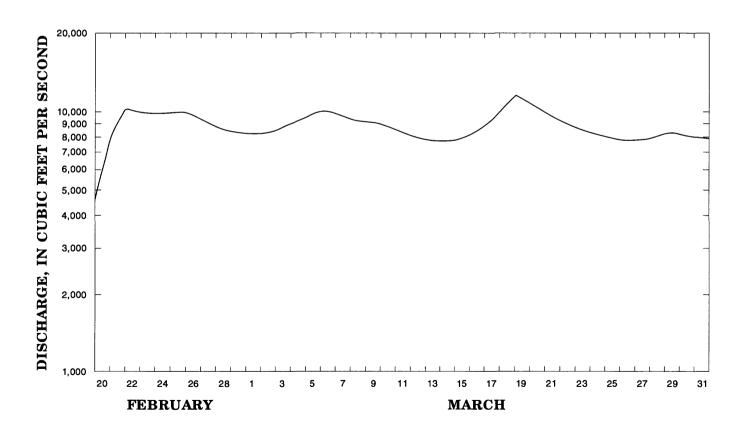


Figure 6. Mean daily discharge at streamflow-gaging station 13342500, Clearwater River at Spalding, Idaho, February-March 1992.

trations through the two study reaches are shown in figure 4.

By March 19, the reservoir had been drawn down to a point that allowed the reestablishment of riverine flow conditions in the two reaches. The dye cloud moved rapidly and initially was poorly mixed, as indicated by the dip in the time of concentration curve for river mile 145.00 (fig. 3). By 1200 hours, when sampling for the dye at river mile 139.43 was suspended, most of the dye cloud had moved downstream past the confluence.

For time of travel studies, the best results on regulated rivers are achieved if stream discharge is held at a constant rate. A hydrograph showing instantaneous discharge in the Snake River reach on March 19 is shown in figure 5. Mean daily discharge during the drawdown study from the two gaging stations—Clearwater River at Spalding, Idaho, and Snake River near Anatone, Washington—is shown in figures 6 and 7, respectively. Unsteady flow conditions in the reservoir during the dye test resulted from operations at Lower Granite

Dam, where outflows fluctuated between 10,000 and 100,000 ft<sup>3</sup>/s.

#### **VELOCITY PROFILES**

A broadband acoustic doppler current profiler (ADCP) was used to define both horizontal and vertical stream velocity distribution in each assigned cross section. The broadband ADCP system uses the acoustic doppler shift technique to measure vertical profiles of horizontal water velocities at user-set vertical intervals from a moving boat (RD Instruments, 1989). The ADCP is able to measure current velocity relative to the boat and velocity of the boat relative to the stream bottom. Tests have shown that point velocities measured by the ADCP agree to within 3 percent of velocities measured using conventional current meters (Simpson, 1986). Accuracy of velocities measured from a moving boat, as used for collecting these data, is dependent upon the speed of the boat relative to the

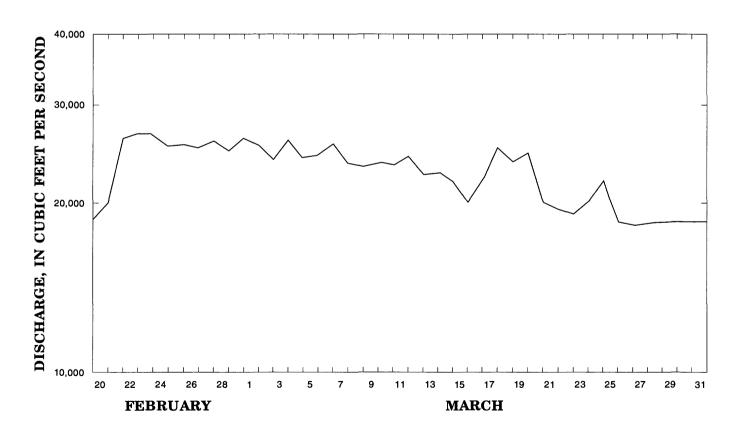


Figure 7. Mean daily discharge at streamflow-gaging station 13334300, Snake River near Anatone, Washington, February–March 1992.

water velocity and may not be as good as accuracy of point velocity measurements.

The ADCP was rigidly suspended in the instrument well or was attached to the side of a boat, and the transducers were submerged between 0.8 and 1.6 ft, depending on the boat being used. This configuration, combined with the inability of the ADCP to accurately measure velocity in depths less than about 4 ft, precluded profiling near the banks. At depths greater than about 95 ft, the signal from the ADCP transducers was not able to reach the bottom, so a weight-suspended Price current meter was used. Flow velocities were so low at these depths that boat movement erroneously increased the velocity measured by the current meter. When depths exceeded 95 ft, the boat was anchored at each location on the cross section, and several minutes were allowed to pass as the boat stabilized in the new position before any velocity readings were obtained using the current meter. Velocity readings generally were obtained at 20, 40, 60, and 80 percent of total depth at each location. Heading was not possible to determine when using the current meter because of poor visibility in the water column. Velocity profiles from 23 transects are presented in tables 49-112 (back of report). The tables illustrate actual point velocities as observed in the field.

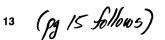
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#### **GLOSSARY OF TERMS**

- Bed material. The sediment mixture of which the bed is composed. In alluvial streams, bed-material particles are likely to be transported as bedload or suspended sediment during some future flow condition.
- Bedload. The sediment that is transported in a stream by rolling, sliding, or skipping along the bed and very close to it. In this report, bedload is considered to consist of particles in transit within 0.3 feet of the streambed.
- Bedload discharge. The quantity of bedload passing a transect in a unit of time.
- Depth-integrated sample. A discharge-weighted (velocity-weighted) sample of watersediment mixture collected at one or more verticals in accordance with the technique of depth integration. The discharge of any property of the sample expressible as a concentration can be obtained as the product of the concentration and the water discharge represented by the sample.
- Equal-width-increment method. A procedure for obtaining the discharge-weighted suspended-sediment concentration of flow at a transect by: (1) performing depth integration at a series of verticals equally spaced across the transect, and (2) using the same vertical transit rate at all sampling verticals.
- Particle-size distribution. The frequency distribution of the relative amounts of particles in a sample that are within specified size ranges. Relative amounts usually are expressed as a percent finer than a specified sieve size by weight.
- Sediment discharge. The mass or volume of sediment (usually mass) passing a stream transect in a unit of time. The term may be qualified, for example, as suspended-sediment discharge, bedload discharge, or total-sediment discharge.
- Suspended-sediment concentration. The velocity-weighted concentration of a suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 feet above the bed) expressed as weight of dry sediment per volume of water-sediment mixture.
- Suspended-sediment discharge. The quantity of sediment, as measured by dry mass or volume, that passes a section in a given time.
- Time of travel. The movement of water or waterborne solutes from point to point in a stream system with respect to the passage of time.
- Transect. A specific location along a river reach where data are collected.



Tables	Short title	Pages
2-7	Bedload and bed material particle-size distribution	17-22
12-48	Temperature and light transmissivity profiles	23-59
49-56	Velocity profiles for Lower Granite at Clearwater River	60-99
57-107	Velocity profiles for Lower Granite at Snake River	100-560
108-112	Velocity profiles for Little Goose Reservoir	561-622

#### Headnotes for Tables 2-7 and 12-112

ft feet Temp water temperature C degrees Celsius Trans light transmissivity % percent Btm bottom - no data available Pst Pacific standard time	mm	millimeter; to convert millimeter to inch, multiply by 0.03937
C degrees Celsius  Trans light transmissivity  % percent  Btm bottom  no data available	ft	feet
Trans light transmissivity % percent Btm bottom no data available	Temp	water temperature
% percent Btm bottom no data available	C	degrees Celsius
Btm bottom - no data available	Trans	light transmissivity
- no data available	%	percent
	Btm	bottom
Pst Pacific standard time	-	no data available
	Pst	Pacific standard time

Table 2. Bedload and bed material particle-size distribution for 3 days in February and March 1992, Snake River near Anatone, Washington, streamflow-gaging station 13334300

[Percentage, by weight, finer than particle size indicated]

Sieve		Bedload		В	Bed material	Н
(mm)	2-25-92	3-05-92	3-17-92	2-25-92	3-05-92	3-17-92
128.0	100.0	100.0	100.0	100.0	100.0	100.0
64.0	100.0	100.0	100.0	100.0	100.0	100.0
32.0	100.0	100.0	100.0	100.0	100.0	100.0
16.0	100.0	100.0	100.0	26.8	100.0	100.0
8.0	82.7	100.0	100.0	3.3	100.0	100.0
4.0	79.8	100.0	100.0	2.3	100.0	100.0
2.0	78.4	94.5	98.4	2.1	85.7	100.0
1.0	76.0	86.8	95.1	2.0	85.7	100.0
0.5	57.8	60.4	75.4	1.2	71.4	100.0
0.250	5.1	7.7	18.0	0.3	42.9	100.0
0.125	0.4	1.1	4.9	0.0	14.3	100.0
0.063	0.2	0.0	1.6	0.0	0.0	50.0
pan material	0.0	0.0	0.0	0.0	0.0	0.0

Table 3. Bedload and bed material particle-size distribution for 3 days in February and March 1992, Snake River mile 139.43

[Percentage, by weight, finer than particle size indicated]

Sieve		Bedload		Д	Bed material	Т.
SIZE (mm)	2-25-92	3-05-92	3-17-92	2-25-92	3-05-92	3-17-92
128.0	100.0	100.0	100.0	100.0	100.0	100.0
64.0	100.0	100.0	100.0	100.0	100.0	100.0
32.0	100.0	100.0	100.0	100.0	100.0	100.0
16.0	100.0	100.0	98.0	100.0	100.0	100.0
8.0	93.2	100.0	98.0	100.0	100.0	8.66
4.0	84.4	100.0	98.0	100.0	100.0	8.66
2.0	83.1	7.76	7.76	8.66	100.0	8.66
1.0	81.0	94.2	97.3	0.66	6.66	7.66
0.5	77.2	79.8	91.1	98.2	99.1	7.76
0.250	63.7	15.6	18.6		39.2	54.9
0.125	19.0	_	0.3	6.5	5.5	14.8
0.063	5.5	1.2	0.0	1.3	6.0	7.0
pan material	0.0	0.0	0.0	0.0	0.0	0.0

Table 4. Bedload and bed material particle-size distribution for 3 days in February and March 1992, Snake River mile 137.17

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[Percentage,

Sieve		Bedload		B	Bed material	1
(mm)	2-25-92	3-05-92	3-17-92	2-25-92	3-05-92	3-17-92
128.0	100.0	100.0	100.0	100.0	100.0	100.0
64.0	100.0	100.0	100.0	100.0	100.0	100.0
32.0	100.0	100.0	100.0	100.0	100.0	100.0
16.0	100.0	100.0	100.0	100.0	100.0	100.0
8.0	100.0	100.0	100.0	100.0	100.0	100.0
4.0	99.3	100.0	100.0	100.0	6.66	100.0
2.0	99.1	0.66	7.66	7.66	8.66	100.0
1.0	98.4	98.3	99.1	98.5	99.4	6.66
0.5	75.8	96.4	94.8	84.3	96.3	98.3
0.250	4.5	29.7	32.0	42.4	39.3	48.5
0.125	1.4	1.7	1.0	24.2	8.9	7.5
0.063	9.0	0.3	0.1	7.7	1.2	3.3
pan material	0.0	0.0	0.0	0.0	0.0	0.0

Table 5. Bedload and bed material particle-size distribution for 3 days in February and March 1992, Snake River mile 132.05

Sieve		Bedload		Щ	Bed material	<u>L</u> 1
size (mm)	2-26-92	3-06-92	3-18-92	2-26-92	3-06-92	3-18-92
128.0	0.0	0.0	100.0	100.0	100.0	100.0
64.0	0.0	0.0	100.0	100.0	100.0	100.0
32.0	0.0	0.0	100.0	100.0	100.0	100.0
16.0	0.0	0.0	100.0	100.0	100.0	100.0
8.0	0.0	0.0	100.0	100.0	100.0	100.0
4.0	0.0	0.0	100.0	100.0	100.0	100.0
2.0	0.0	0.0	100.0	6.66	6.66	6.66
1.0	0.0	0.0	99.2	99.3	0.66	99.4
0.5	0.0	0.0	93.9	7.76	96.3	96.3
0.250	0.0	0.0	83.3	92.7	91.8	79.1
0.125	0.0	0.0	70.2	64.7	74.2	39.4
0.063	0.0	0.0	53.1	34.1	42.3	18.1
pan material	0.0	0.0	0.0	0.0	0.0	0.0

Table 6. Bedload and bed material particle-size distribution for 3 days in February and March 1992, Clearwater River at Spalding, Idaho, streamflow-gaging station 13342500

[Percentage, by weight, finer than particle size indicated]

size (mm) 2-26-92 128.0 100.0 64.0 100.0						
	.92	3-06-92	3-18-92	2-26-92	3-06-92	3-18-92
0.	0	100.0	100.0	100.0	100.0	100.0
0 01	0	100.0	100.0	100.0	100.0	100.0
0.01	0	100.0	100.0	100.0	100.0	100.0
16.0 100.0	0	100.0	100.0	100.0	100.0	100.0
8.0 100.0	0	100.0	100.0	100.0	100.0	100.0
4.0 100.0	0	100.0	100.0	100.0	100.0	100.0
2.0 82.4	4.	6.06	100.0	100.0	9.68	100.0
1.0 64.7	7	86.4	100.0	80.0	9.68	91.7
0.5 47.1	<del></del>	68.2	92.2	80.0	60.4	83.3
0.250 17.6	9.	18.2	8.09	0.09	33.3	83.3
0.125 5.9	0	4.5	41.2	40.0	22.9	75.0
0.063 0.0	0.	0.0	21.6	20.0	14.6	41.7
pan material 0.0	0	0.0	0.0	0.0	0.0	0.0

Table 7. Bedload and bed material particle-size distribution for 3 days in February and March 1992, Clearwater River mile 0.41

[Percentage, by weight, finer than particle size indicated]

Sieve		Bedload			Bed material	al
erre (mm)	2-26-92	3-06-92	3-18-92	2-26-92	3-06-92	3-18-92
128.0	100.0	100.0	100.0	100.0	100.0	100.0
64.0	100.0	100.0	100.0	100.0	100.0	100.0
32.0	100.0	100.0	100.0	100.0	100.0	100.0
16.0	100.0	100.0	100.0	100.0	100.0	100.0
8.0	100.0	100.0	100.0	99.4	99.5	100.0
4.0	100.0	100.0	8.66	99.1	99.3	6.66
2.0	94.4	6.66	8.66	98.7	0.66	8.66
1.0	91.8	9.76	9.66	97.9	98.0	99.5
0.5	88.4	7.68	53.3	95.5	95.5	70.1
0.250	80.3	64.2	3.9	76.4	77.1	10.6
0.125	51.0	40.0	0.2	38.8	43.5	0.2
0.063	30.1	25.9	0.1	25.0	22.5	0.0
pan material	0.0	0.0	0.0	0.0	0.0	0.0

Table 12.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on February 25, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
90		270		450		630		810	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp ( C)	Depth (ft)	Temp	Depth (ft)	Temp
3.0 6.0 9.0 12.0	6.5 6.4 6.4 6.4	3.0 6.0 9.0 12.0	6.3 6.3 6.3	2.0 4.0 6.0 8.0	6.3 6.3 6.3	2.0 4.0 6.0 8.0	6.4 6.4 6.4	1.8 3.5 5.4 7.2	6.5 6.5 6.5
15	Btm	15	Btm	10	Btm	10	Btm	9	Btm

		D	istance	from I	left ba	nk (fee	et)		
91	0	270	)	450	)	630	O	810	)
Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans
3.3 6.7 9.8 13.1 16.4	21 21 23 18 15	3.3 6.7 9.8 13.1	21 21 20 18	3.3 6.7 9.8	20 19 18	3.3 6.7 9.8	19 19 18	3.3 6.7	15 14
15	Btm	15	Btm	10	Btm	10	Btm	9	Btm

Table 13.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 6, 1992

		Di	stance	from 1	eft ba	nk (fee	et)		
30		90		150		210	)	270	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
	6.6		6.4		6.4		6.5		6.5
5	Btm	5	Btm	5	Btm	4	Btm	3	Btm

Table 14.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 17, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
35		105		17	5	245		315	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
1.4	8.6	1.8	8.4	1.4	8.4	1.0	8.6	. 4	8.6
7	Btm	9	Btm	7	Btm	5	Btm	2	Btm

Table 15.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
120		370		620		870		1,120	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
5.0 10.0 15.0 20.0	5.8 5.7 5.7 5.7	3.0 6.0 9.0 12.0	5.8 5.8 5.7 5.7	2.4 4.8 7.2 9.6	5.7 5.7 5.7 5.7	4.0 8.0 12.0 16.0	5.7 5.7 5.7 5.7	4.2 8.4 12.6 16.8	5.7 5.7 5.7 5.7
25	Btm	15	Btm	12	Btm	20	Btm	21	Btm

		Di	stance	from 1	left ba	nk (fee	et)			
120 370 620 870 1,120										
Depth (ft)	Depth Trans Depth Trans (ft) (%) (ft) (5		Trans	Depth (ft)	Trans Depth Trans (%) (ft) (%)			Depth Trans (ft) (%)		
3.3 6.7 9.8 13.1 16.4 19.7 23.0	33 32 32 32 31 31 30	3.3 6.7 9.8 13.1	32 31 30 30	1.7 3.3 5.0 6.7 8.2 9.8	33 32 32 32 32 32 32	3.3 6.7 9.8 13.1 16.4 19.7	32 32 31 31 31 30	3.3 6.7 9.8 13.1 16.4 19.7	29 29 29 28 22 26	
25	Btm	15	Btm	12	Btm	20	Btm	21	Btm	

Table 16.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on March 18, 1992

		Di	stance	from 1	.eft ba	ınk (fee	et)		
100	ı	120	l	21	.0				
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	_	Depth (ft)	Temp	Depth (ft)	Temp
3.6	7.2	4.2	7.2	3.0	7.2				
6	Btm	7	Btm	5	Btm				

	Distance from left bank (feet)											
100	0	120	)	21	10							
Depth (ft)	Trans	Depth (ft)	Trans	_		Depth (ft)		Depth (ft)	Trans (%)			
3.3	32	3.3	38	3.3	37							
6	Btm	7	Btm	5	Btm							

Table 17.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 6, 1992

		Di	stance	from 1	eft ba	.nk (fee	t)		
90	)	270		450		630		810	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
2.6 5.2 7.8 10.4	6.7 6.7 6.6 6.6	2.2 4.4 6.6 8.8	6.6 6.6 6.6	1.6 3.2 4.8 6.4	6.6 6.6 6.5 6.5	3.0 6.0 9.0 12.0	6.5 6.5 6.5	2.8 5.6 8.4 11.2	6.6 6.6 6.6
13	Btm	11	Btm	8	Btm	15	Btm	14	Btm

	Distance from left bank (feet)											
9(	)	270	)	450	)	630	)	810				
Depth (ft)	h Trans Depth Trans (%) (ft) (%)		Depth (ft)	Trans	Depth Trans (ft) (%)		Depth (ft)	Trans				
3.3 6.7 9.8 13.1	30 30 28 26	3.3 6.7 9.8 13.1 16.4	35 32 32 31 20	1.7 3.3 5.0 6.7	32 31 26 23	3.3 5.0 6.7 8.4 9.8	25 27 26 27 25	3.3 6.7 9.8 13.1	27 27 25 22			
14	Btm	15	Btm	8	Btm	11	Btm	13	Btm			

Table 18.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 148.09 on March 19, 1992

		Di	stance	from	left ba	nk (fee	t)		
175		350		52	25				
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	_	Depth (ft)	Temp (C)	Depth (ft)	Temp ( C)
7.2	8.0	4.8	8.1	3.6	8.1				
12	Btm	8	Btm	6	Btm				

	Distance from left bank (feet)											
17	5	350	)	25								
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	_	Trans (%)	-		Depth (ft)	Trans (%)			
6.7	42.0	5.0	42.0	3.3	42.0							
12	Btm	8	Btm	6	Btm							

Table 19.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 145.00 on March 19, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
200 400 600									
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
7.8	8.0	7.8	8.0	5.4	8.0				
13	Btm	13	Btm	9	Btm				

	Distance from left bank (feet)										
22!	5	45	0	6'	75						
Depth (ft)	Trans	_	Trans	_		Depth (ft)		Depth (ft)	Trans (%)		
6.7	42.0	6.7	42.0	5.0	42.0						
13	Btm	13	Btm	9	Btm						

Table 20.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 142.00 on March 19, 1992

		Di	stance	from l	eft ba	nk (fee	t)		
150 300 450									
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	_	Depth (ft)	Temp	Depth (ft)	Temp
6.0	8.0	8.4	8.0	8.4	8.0				
10	Btm	14	Btm	14	Btm				

	Distance from left bank (feet)											
150	0	30	0	45	50							
Depth (ft)		_	Trans	<del></del>		<del>-</del>		Depth (ft)	Trans (%)			
5.0	43.0	8.2	43.0	8.2	43.0							
10	Btm	14	Btm	14	Btm							

Table 21.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992

Distance from left bank (feet)											
150		400		700		900		1,200			
Depth (ft)	Temp	Depth (ft)	Temp ( C)	Depth (ft)	Temp	Depth (ft)	Temp ( C)	Depth (ft)	Temp ( C)		
1.2 2.4 3.6 4.8	5.8 5.8 5.8 5.8	1.9 3.7 5.6 7.4	5.8 5.7 5.7 5.7	1.6 3.2 4.8 6.4	5.7 5.7 5.7 5.7	1.5 3.0 4.5 6.0	5.7 5.7 5.7 5.7	1.7 3.4 5.2 6.9	5.7 5.7 5.7 5.7		
6	Btm	9.3	Btm	8	Btm	7.5	Btm	8.6	Btm		

Distance from left bank (feet)											
150		400		700		900		1,200			
Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans (%)		
3.3 6.7 9.8 13.1 16.4	29 28 27 27 28	3.3 6.7 9.8 13.1 16.4 19.7 23.0 26.3	33 32 31 31 31 29 30 28	3.3 6.7 9.8 13.1 16.4 19.7 23.0	32 31 31 30 30 30 30	3.3 6.7 9.8 13.1 16.4 19.7 23.0	31 31 31 31 31 31 29	3.3 6.7 9.8 13.1 16.4 19.7 23.0 26.3	32 31 31 31 31 31 31 31		
6	Btm	9.3	Btm	8	Btm	7.5	Btm	8.6	Btm		

Table 22.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 5, 1992

		Di	stance	from l	eft ba	ank (fee	:t)		
130		390	ı	650		910		1,170	
Depth (ft)	Temp	Depth (ft)	Temp ( C)	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
2.8 5.6 8.4 11.2	6.8 6.8 6.8	2.4 4.8 7.2 9.6	6.7 6.7 6.7 6.7	2.4 4.8 7.2 9.6	6.7 6.7 6.7	2.8 5.6 8.4 11.2	6.7 6.7 6.7 6.7	2.6 5.2 7.8 10.4	6.7 6.7 6.7 6.7
14	Btm	12	Btm	12	Btm	14	Btm	13	Btm

		Di	İstance	e from 1	left ba	nk (fee	et)		
130	O	390	)	650		910		1,17	70
Depth (ft)	oth Trans Depth Trans (%) (ft) (%)			Depth (ft)	Trans	Depth Trans (ft) (%)		Depth (ft)	Trans
3.3 5.0 6.7 8.2 9.8 11.5	32 32 31 32 33 30 32	3.3 5.0 6.7 8.2 9.8 11.5	39 38 38 38 38 38	3.3 5.0 6.7 8.2 9.8	39 38 38 39 38	3.3 5.0 6.7 8.2 9.8 11.5 13.1	39 39 39 39 39 38 37	3.3 5.0 6.7 8.2 9.8 11.5 13.1	38 39 38 38 37 37
14	Btm	12	Btm	12	Btm	14	Btm	13	Btm

Table 23.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 5, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
10	0	30	0	500		700		900	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
4.0 8.0 12.0 16.0	6.9 6.9 6.9	5.2 10.4 15.6 20.8	6.9 6.8 6.8	4.8 9.6 14.4 19.2	6.9 6.8 6.8	2.8 5.6 8.4 11.2	6.9 6.8 6.8	1.2 2.4 3.6 4.8	6.9 6.9 6.9
20	Btm	26	Btm	24	Btm	14	Btm	6	Btm

		Di	stance	from 1	.eft ba	nk (fee	et)		
130 390 650 910 1,									0
Depth	Trans	Depth	Trans	Depth	Trans	Depth	Trans	Depth	Trans
(ft)	(%)	(ft)	(%)	(ft)	(%)	(ft)	(%)	(ft)	(왕)
3.3	32	6.7	37	3.3	38	3.3	38	1.7	38
6.7	32	13.1	37	9.8	37	5.0	38	3.3	38
9.8	31	19.7	38	16.4	37	6.7	37	5.0	38
13.1	30	26.3	36	23.0	37	8.4	38	6.7	38
16.4	30					9.8	37		
19.7	30					11.5	36		
20	Btm	26	Btm	24	Btm	14	Btm	6	Btm

Table 24.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 19, 1992

		Di	stance	e from 1	eft ba	ink (fee	t)		
150	)								
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
9.0	7.9	9.0	7.9	5.4	7.9				
15	Btm	15	Btm	9	Btm				

	Distance from left bank (feet)										
150	)	300	)	45	50						
Depth (ft)	Trans (%)	Depth (ft)		<del>-</del>		Depth (ft)		_	Trans (%)		
8.2	33	8.2	40	5.0	40				•		
15	Btm	15	Btm	9	Btm						

Table 25.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992

	Distance from left bank (feet)											
160 480 800 1,100 1,480												
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp			
4.8 9.6 14.4 19.2	5.9 5.9 3.9 5.9	5.4 10.8 16.2 21.6	5.9 5.9 5.9 5.9	5.8 11.6 17.4 23.2	6.0 5.9 5.9 5.9	7.4 14.8 22.2 29.6	6.0 5.9 5.9 5.9	8.0 16.0 26.0 32.0	6.0 6.0 6.0			
24	Btm	27	Btm	29	Btm	37	Btm	40	Btm			

		Di	stance	from 1	eft ba	nk (fee	et)		
16	0	480	)	800		1,100		1,480	
Depth (ft)	-		Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3 6.7 9.8 13.1 16.4 19.7 23.0	32 32 32 32 32 32 31 30	3.3 6.9 9.8 13.1 16.4 19.7 23.0 26.3	33 33 33 33 33 33 33	3.3 6.7 9.8 13.1 16.4 19.7 23.0 26.3	32 33 34 34 34 34 34 34	3.3 9.8 16.4 23.0 29.5 36.1	31 32 34 34 32 32	6.7 13.1 19.7 26.3 32.8 39.4	30 28 27 26 27 28
24	Btm	27	Btm	29	Btm	37	Btm	40	Btm

Table 26.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 5, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
160		480		800		1,120		1,440	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp (C)	Depth (ft)	Temp	Depth (ft)	Temp
2.4 4.8 7.2 9.6	6.8 6.8 6.8	3.0 6.0 9.0 12.0	6.8 6.8 6.8	2.4 4.8 7.2 9.6	7.0 7.0 7.0 7.0	5.6 11.2 16.8 22.4	7.2 7.2 7.0 7.0	6.0 12.0 18.0 24.0	7.1 7.1 7.0 7.0
12	Btm	15	Btm	12	Btm	28	Btm	30	Btm

		D	istance	from I	left ba	ınk (fe	et)		
160 480 800 1,120 1,440									. 0
Depth (ft)	Trans	Depth Trans (ft) (%)		Depth (ft)	Trans	Depth Trans (ft) (%)		Depth (ft)	Trans
3.3 6.7 9.8 13.1	28 27 28 27	3.3 6.7 9.8 13.1	33 32 32 33	3.3 6.7 9.8 13.1	36 36 35 35	6.7 13.1 19.7 26.3	34 35 32 31	3.3 9.8 16.4 23.0 29.5	35 32 32 32 32 26
12	Btm	15	Btm	12	Btm	28	Btm	30	Btm

Table 27.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992

	Distance from left bank (feet)											
175		350		52	5							
Depth (ft)	Temp	Depth (ft)	Temp	_	_	Depth (ft)	Temp ( C)	Depth (ft)	Temp			
4.8	8.5	4.8	8.2	4.2	7.8							
8	Btm	8	Btm	7	Btm							

	Distance from left bank (feet)										
17	5	3	50	5:	25						
Depth (ft)	Trans	_	h Trans (%)	_	Trans (%)	_		Depth (ft)	Trans (%)		
5.0	33	5.0	10	5.0	5						
8	Btm	8	Btm	7	Btm						

Table 28.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992

		Di	stance	from 1	eft ba	ank (fee	t)		
150		450	450		750		1,050		0
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
4.0 8.0 12.0 16.0	5.9 5.9 5.9 5.8	7.0 14.0 21.0 28.0	5.8 5.8 5.8 5.8	8.0 16.0 24.0 32.0	5.8 5.8 5.8 5.8	9.0 18.0 27.0 36.0	5.9 5.8 5.8 5.8	9.0 18.0 27.0 36.0	5.9 5.9 5.8 5.9
20	Btm	35	Btm	40	Btm	45	Btm	45	Btm

		Di	stance	from 1	eft ba	.nk (fee	et)		
150	)	450		750		1,050		1,350	
Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans
3.3 6.7 9.8 13.1 16.4 19.7	18 16 17 18 18	6.7 13.1 19.7 26.3 32.8	28 28 30 30 28	6.7 13.1 19.7 26.3 32.8 39.4	28 28 29 28 29 28	3.3 9.8 16.4 23.0 29.5 36.1 42.7	26 25 26 25 26 26 26 25	6.7 13.1 19.7 26.3 32.8 39.4	23 24 24 24 23 23
20	Btm	35	Btm	40	Btm	45	Btm	45	Btm

Table 29.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 5, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
120		360		600		840		1,060	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
1.4 2.8 4.2 5.6	7.0 7.0 7.0 7.0	5.6 11.2 16.8 22.4	6.9 6.8 6.8	7.6 15.2 22.8 30.4	6.9 6.8 6.8	5.0 10.0 15.0 20.0	6.8 6.7 6.7	2.8 5.6 8.4 11.2	7.3 7.2 7.2 7.0
7	Btm	28	Btm	38	Btm	25	Btm	14	Btm

		Di	stance	from ]	left ba	nk (fee	et)		
120	0	360		600		840		1,060	
Depth (ft)	Trans	Depth (ft)	Trans (%)	Depth (ft)	Trans	Depth (ft)	Trans (%)	Depth (ft)	Trans
1.7 3.3 5.0 6.7 8.2	31 30 30 30 30	6.7 13.1 19.7 26.3	31 30 30 30	6.7 16.4 26.3 36.1	35 34 34 29	3.3 9.8 16.4 23.0	34 34 29 29	3.3 6.7 9.8 13.1	17 18 15 8
7	Btm	28	Btm	38	Btm	25	Btm	14	Btm

Table 30.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 19, 1992

		Di	stance	from 1	eft ba	nk (fee	t)	****	
225		450		67	5				
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
8.4	8.2	9.0	8.1	12.0	7.6				
14	Btm	15	Btm	20	Btm				

	Distance from left bank (feet)										
225	ō	450	)	67	75						
Depth (ft)	Trans (%)	Depth (ft)		Depth (ft)		Depth (ft)		_	Trans (%)		
8.2	22	8.2	28	11.5	19						
14	Btm	15	Btm	20	Btm						

Table 31.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992

	,	Di	stance	from 1	eft ba	nk (fee	t)		
170		520		870		1,220		1,570	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
10.0 20.0 30.0 40.0	6.3 6.2 6.2 6.2	14.0 28.0 42.0 56.0	6.2 6.2 6.2 6.2	12.6 25.2 37.8 50.4	6.2 6.2 6.2 6.2	9.2 18.4 27.6 36.8	6.2 6.2 6.2 6.2	1.0 2.0 3.0 4.0	6.3 6.3 6.2 6.2
50	Btm	70	Btm	63	Btm	46	Btm	5	Btm

		Di	stance	e from l	.eft ba	nk (fee	et)		
170	0	20	1,57	0					
Depth (ft)	Depth Trans Depth Trans (ft) (%)		Depth (ft)		Depth Trans (ft) (%)		Depth (ft)	Trans (%)	
6.7 13.1 19.7 26.3 32.8 39.4 45.9	31 31 31 31 31 30 30	9.8 19.7 29.5 39.4 49.2 59.1 68.9	30 31 31 30 30 30 29	9.8 19.7 29.5 39.4 49.2 59.1	30 30 29 29 28 28	6.7 13.1 19.7 26.3 32.8 39.4 45.9	29 28 28 28 27 28 28	1.7 3.3 5.0	19 16 19
50	Btm	70	Btm	63	Btm	46	Btm	5	Btm

Table 32.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992

		Di	.stance	e from ]	left ba	nk (fee	et)		
170		520		870		1,220		1,570	
Depth (ft)	Temp	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp ( C)	Depth (ft)	Temp
10.0 20.0 30.0 40.0	6.0 6.0 6.0	13.0 26.0 39.0 52.0	6.0 6.0 5.9 6.0	12.6 25.2 37.8 50.4	5.9 5.9 6.0 6.0	9.4 18.8 28.2 37.6	6.0 6.0 6.0	1.6 3.2 4.8 6.4	5.9 5.9 5.9 5.9
50	Btm	65	Btm	63	Btm	47	Btm	8	Btm

		Di	stance	from 1	.eft ba	nk (fee	et)		
17	0	520	)	870	)	1,22	20	1,57	70
Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans
6.7 13.1 19.7 26.3 32.8 39.4 45.9	35 35 34 34 34 34 33	6.7 16.4 26.3 36.1 45.9 55.8	35 34 34 34 34 33	9.8 19.7 29.5 39.4 49.2 59.1	34 34 34 34 32 28	3.3 9.8 16.4 23.0 29.5 36.1 42.7	34 32 32 32 30 30 30	1.7 3.3 5.0 6.7	28 26 26 25
50	Btm	65	Btm	63	Btm	47	Btm	8	Btm

Table 33.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
90		270		450		630		810	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
3.6 7.2 10.8 14.4	8.0 8.0 8.0 8.0	5.4 10.8 16.2 21.6	8.1 8.0 8.0 8.0	6.4 12.8 19.2 25.6	8.0 8.0 7.9 7.9	7.4 14.8 22.2 29.6	7.6 7.6 7.8 7.9	5.6 11.2 16.8 22.4	7.4 7.4 7.4 7.4
18	Btm	27	Btm	32	Btm	37	Btm	28	Btm

		Di	stance	from 1	.eft ba	nk (fee	et)		
90	0	270	270		450		630		)
Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans
3.3 6.7 9.8 13.1 16.4	18 10 10 5 5	6.7 13.1 19.7 26.3	18 10 3 0	3.3 9.8 16.4 23.0 29.5	19 14 16 4 1	6.7 13.1 19.7 26.3 32.8	17 17 10 4 1	6.7 13.1 19.7 26.3	17 10 6 4
18	Btm	27	Btm	32	Btm	37	Btm	28	Btm

Table 34.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 26, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
300		900		1,500		2,100		2,700	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp ( C)
9.4 18.4 28.2 37.6	6.2 6.2 6.2 6.2	12.8 25.6 38.4 51.2	6.2 6.2 6.2 6.2	7.0 14.0 21.0 28.0	6.1 6.1 6.1	4.0 8.0 12.0 16.0	6.0 6.0 6.0 5.9	2.6 5.2 7.8 10.4	6.1 6.1 6.0 6.0
47	Btm	64	Btm	35	Btm	20	Btm	13	Btm

		Di	stance	e from I	left ba	nk (fee	et)		
30	0	900	)	1,50	00	2,100		2,700	
Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans (%)
6.7 13.1 19.7 26.3 32.8 39.4 45.9	30 29 29 29 29 29 29	6.7 13.1 19.7 26.3 32.8 39.4 45.9 52.5 59.1	30 30 29 29 28 28 29 29	6.7 13.1 19.7 26.3 32.8	27 27 27 27 27	3.3 6.7 9.8 13.1 16.4 19.7	27 26 25 25 24 21	3.3 6.7 9.8 13.1	27 26 24 23
47	Btm	64	Btm	35	Btm	20	Btm	13	Btm

Table 35.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 6, 1992

		Di	stance	from 1	.eft ba	nk (fee	et)		
200	)	600	ŀ	1,000		1,400		1,800	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
.8 1.6 2.4 3.2	7.8 7.8 7.8 7.8	1.6 3.2 4.8 6.4	7.6 7.6 7.6 7.5	2.8 5.6 8.4 11.2	7.4 7.4 7.4 7.4	8.8 17.6 26.4 35.2	7.0 6.9 6.9	8.8 17.6 26.4 35.2	7.1 7.0 6.9 6.8
4	Btm	8	Btm	14	Btm	44	Btm	44	Btm

	Distance from left bank (feet)										
200 600 1,000 1,400 1,800											
Depth (ft)	pth Trans Depth Trans t) (%) (ft) (%)		<del>-</del>		Trans (%)	Depth (ft)	Trans	Depth (ft)	Trans		
1.7	20 21	1.7 3.3 5.0	26 26 27	3.3 6.7 9.8 13.1	31 31 31 30	3.3 13.1 23.0 32.8 42.7	37 37 33 34 30	3.3 13.1 23.0 32.8 42.7	36 35 33 28 17		
4	Btm	8	Btm	14	Btm	44	Btm	44	Btm		

Table 36.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 7, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
170		510	ı	850		1,190		1,530	
Depth (ft)	Temp ( C)	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
.6 2.4	7.2 7.2	8.0 16.0 24.0 32.0	7.0 7.0 7.0 7.0	8.8 17.6 26.4 35.2	7.0 7.0 7.0 7.0	8.6 17.2 25.8 34.4	7.0 7.0 7.0 7.0	6.6 13.2 19.8 26.4	7.2 7.2 7.0 7.0
3	Btm	40	Btm	44	Btm	43	Btm	33	Btm

		Di	stance	e from ]	eft ba	nk (fee	et)		
170	)	510		850		1,190		1,530	
Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans (%)	Depth (ft)	Trans	Depth (ft)	Trans
1.7	25	9.8 19.7 29.5 39.4	33 32 30 28	3.3 13.1 23.0 32.8 42.7	36 31 31 28 28	3.3 13.1 23.0 32.8 42.7	37 34 30 26 18	6.7 13.1 19.7 26.3 32.8	36 35 36 34 27
3	Btm	40	Btm	44	Btm	43	Btm	33	Btm

Table 37.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
100	ı	300		500		700		900	
Depth (ft)	Temp ( C)	Depth (ft)	Temp	Depth (ft)	Temp ( C)	Depth (ft)	Temp ( C)	Depth (ft)	Temp
5.2 10.4 15.6 20.8	8.4 8.4 8.4 8.4	6.0 12.0 18.0 24.0	8.3 8.3 8.3	7.2 14.4 21.6 28.8	8.2 8.2 8.2 8.3	7.2 14.4 21.6 28.8	8.2 8.2 8.2 8.2	5.2 10.4 15.6 20.8	8.3 8.2 8.2 8.2
26	Btm	30	Btm	36	Btm	36	Btm	26	Btm

		Di	stance	from 1	.eft ba	nk (fee	et)		
100	)	300	)	500		700		900	
Depth (ft)	epth Trans Depth Trans ft) (%) (ft) (%)			Depth (ft)	Trans	Depth Trans (ft) (%)		Depth Trans (ft) (%)	
3.3 9.8 16.4 23.0	17 14 12 10	3.3 9.8 19.7 29.5	21 16 16 12	6.7 13.1 19.7 26.3 32.8	21 16 16 14 11	6.7 13.1 19.7 26.3 32.8	20 17 15 11 4	3.3 9.8 16.4 23.0	22 16 12 7
26	Btm	30	Btm	36	Btm	36	Btm	26	Btm

Table 38.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
110		330		550		770		990	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
5.2 10.4 15.6 20.8	7.9 7.9 8.0 8.0	6.4 12.8 19.2 25.6	7.8 7.9 7.9 7.9	7.0 14.0 21.0 28.0	7.8 7.8 7.9 7.9	5.6 11.2 16.8 22.4	7.6 7.6 7.8 7.8	4.6 9.2 13.8 18.4	7.5 7.5 7.7 7.7
26	Btm	32	Btm	35	Btm	28	Btm	23	Btm

	Distance from left bank (feet)										
110	0	330	330		550		770		)		
Depth (ft)	Depth Trans Depth Trans (ft) (%) (ft) (%)			Depth (ft)	Trans	Depth Trans (ft) (%)		Depth Trans			
3.3 19.8 16.4 23.0	16 14 10 4	3.3 9.8 16.4 23.0 29.5	18 10 9 9	6.7 13.1 19.7 26.3 32.8	20 12 8 10 2	6.7 13.1 19.7 26.3	20 16 6 2	5.0 9.8 14.8 19.7	16 13 10 3		
26	Btm	32	Btm	35	Btm	28	Btm	23	Btm		

Table 39.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
110		330		550		770		990	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
5.4 10.8 16.2 21.6	7.8 7.8 7.8 7.9	6.6 13.2 19.8 26.4	7.7 7.7 7.8 7.8	7.4 14.8 22.2 29.6	7.7 7.7 7.7 7.7	5.8 11.6 17.4 23.2	7.8 7.7 7.7 7.7	5.0 10.0 15.0 20.0	7.8 7.8 7.7 7.7
27	Btm	33	Btm	37	Btm	29	Btm	25	Btm

	Distance from left bank (feet)											
110	0	330	)	55	50	770	)	990	)			
Depth (ft)	Depth Trans (ft) (%)		Trans (%)	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans			
6.7 13.1 19.7 23.0	22 22 22 18	3.3 13.1 23.0 29.5 32.8	27 26 21 21 0	3.3 13.1 23.0 32.8	30 27 25 20	6.7 13.1 19.7 26.3	27 26 20 14	6.7 13.1 19.7 23.0	25 22 14 10			
27	Btm	33	Btm	37	Btm	29	Btm	25	Btm			

Table 40.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
200	200 600			1,00	0	1,40	0	1,800	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp ( C)
9.8 19.6 29.4 39.2	6.0 5.9 5.9 5.9	20.0 40.0 60.0 80.0	5.8 5.8 5.8 5.8	17.2 34.3 51.6 68.8	5.8 5.8 5.8 5.8	8.0 16.0 24.0 32.0	5.9 5.8 5.8 5.8	2.0 4.0 6.0 8.0	5.9 5.9 5.8 5.8
49	Btm	100	Btm	86	Btm	40	Btm	10	Btm

		Di	stance	from 1	left ba	nk (fee	et)		
20	0	600		1,000		1,400		1,800	
Depth (ft)	Trans	Depth (ft)	Trans (%)	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans
6.7 16.4 26.3 36.1 45.9	28 28 28 28 28 28	16.4 32.8 49.2 65.6 82.0 98.4	27 28 27 27 27 28	3.3 16.4 29.5 42.7 55.8 68.9 82.0	28 27 27 27 27 27 27	3.3 9.8 19.7 29.5 39.4	28 27 26 25 25	1.7 3.3 5.0 6.7 8.2 9.8	26 25 25 25 25 25 25
49	Btm	100	Btm	86	Btm	40	Btm	10	Btm

Table 41.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 7, 1992

		Di	stance	from l	eft ba	nk (fee	t)		
150	)	450		750		1,050		1,350	
Depth (ft)	Temp ( C)	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
8.0 16.0 24.0 32.0	7.3 7.2 7.2 7.2	11.2 22.4 33.6 44.8	7.3 7.2 7.2 7.2	14.6 29.2 43.8 58.4	7.2 7.2 7.2 7.2	17.4 34.8 52.2 69.6	7.2 7.2 7.2 7.2	7.8 15.6 23.4 31.2	7.2 7.2 7.2 7.2
40	Btm	56	Btm	73	Btm	87	Btm	39	Btm

		Di	.stance	from 1	.eft ba	nk (fee	et)		
150	0	450		750		1,050		1,350	
Depth (ft)			Depth (ft)	Trans (%)	Depth Trans (ft) (%)		Depth (ft)	Trans	
6.7 16.4 26.3 36.1	30 30 27 22	13.1 26.3 39.4 52.5	34 33 27 24	6.7 23.0 39.4 55.8 72.2	35 34 32 32 32	3.3 19.7 36.1 52.5 68.9 85.3	36 36 36 35 34 34	6.7 16.4 26.3 36.1	36 36 35 35
40	Btm	56	Btm	73	Btm	87	Btm	39	Btm

Table 42.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
140		420		700		980		1,360	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
6.6 13.2 19.8 26.4	8.0 7.9 7.9 7.9	10.0 20.0 30.0 40.0	8.0 8.0 7.9 7.9	14.0 28.0 42.0 56.0	8.0 7.9 7.9 7.9	14.0 28.0 42.0 56.0	89.0 8.0 8.0	5.0 10.0 15.0 20.0	8.1 8.0 8.0 8.0
33	Btm	50	Btm	70	Btm	70	Btm	25	Btm

	Distance from left bank (feet)									
140	)	420		700		980		1,360		
Depth (ft)	-		Depth (ft)	Trans	Depth Trans (ft) (%)		Depth Trans (ft) (%)			
3.3 13.1 23.0 32.8	21 19 16 16	3.3 16.4 29.5 42.7 55.8	21 21 20 20 14	3.3 19.7 36.1 52.5 68.9	22 22 22 22 22	3.3 19.7 36.1 52.5 68.9	18 18 18 18	3.3 9.8 16.4 23.0	22 22 22 22	
33	Btm	50	Btm	70	Btm	70	Btm	25	Btm	

Table 43.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
220		660		1,100		1,540		1,980	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
5.0 10.0 15.0 20.0	5.9 5.9 5.9 5.9	14.0 28.0 42.0 56.0	5.9 5.8 5.8	15.0 30.0 45.0 60.0	5.8 5.8 5.8	15.0 30.0 45.0 60.0	5.9 5.8 5.8	12.0 24.0 36.0 48.0	5.9 5.8 5.8 5.8
25	Btm	70	Btm	75	Btm	75	Btm	60	Btm

		Di	stance	e from ]	left ba	nk (fee	et)		
22	0	660	)	1,10	00	1,540		1,980	
Depth (ft)	Depth Trans (%) (ft) (%)		Depth (ft)	Trans (%)	Depth Trans (ft) (%)		Depth (ft)	Trans (%)	
3.3 6.7 9.8 13.1 16.4 19.7	29 28 28 28 28 28 28	3.3 9.8 19.7 29.5 39.4 49.2 59.1 68.9	29 28 28 28 28 28 28 28 27	3.3 13.1 23.0 32.8 42.7 52.5 62.3 72.2	29 28 28 28 28 28 28 27 26	3.3 13.1 23.0 32.8 42.7 52.5 62.3 72.2	29 28 28 28 27 27 27	6.7 16.4 26.3 36.1 45.9 55.8	28 28 27 27 27 27
25	Btm	70	Btm	75	Btm	75	Btm	60	Btm

Table 44.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 7, 1992

		Di	stance	from 1	eft ba	nk (fee	et)		
210		630		1,050		1,470		1,890	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
7.6 15.2 22.8 30.4	7.3 7.3 7.3 7.2	10.6 21.2 31.8 42.4	7.4 7.3 7.3 7.3	11.4 22.8 34.2 45.6	7.3 7.3 7.3 7.3	9.6 19.2 28.8 38.4	7.4 7.3 7.3 7.3	7.2 14.4 21.6 28.8	7.4 7.3 7.3 7.3
38	Btm	53	Btm	57	Btm	48	Btm	36	Btm

	Distance from left bank (feet)										
210 630 1,050 1,470 1,890											
Depth (ft)	_		Depth (ft)	Trans	Depth Trans (ft) (%)		Depth (ft)	Trans			
6.7 13.1 19.7 26.3 32.8	34 32 32 31 27	9.8 19.7 29.5 39.4 49.2	36 34 31 30 30	13.1 26.3 39.4 52.5	35 32 32 34	6.7 19.7 32.8 45.9	37 35 32 31	6.7 13.1 19.7 26.3 32.8	36 36 35 36 34		
38	Btm	53	Btm	57	Btm	48	Btm	36	Btm		

Table 45.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
200 600			1,000			1,400		1,800	
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
7.6 15.2 22.8 30.4	8.1 8.0 7.9 7.8	7.2 14.4 21.6 28.8	8.0 8.0 7.9 7.9	7.8 15.6 23.4 31.2	8.0 8.0 7.9 7.9	9.0 18.0 27.0 36.0	8.1 7.9 7.9 7.8	5.2 10.4 15.6 20.8	8.1 8.0 7.9 7.9
38	Btm	36	Btm	39	Btm	45	Btm	26	Btm

	Distance from left bank (feet)										
200	0	600	600		1,000		1,400		00		
Depth (ft)	Depth Trans Depth T		Trans	Depth (ft)	n Trans Depth Trans (%) (ft) (%)			Depth (ft)	Trans		
3.3 13.1 23.0 32.8	18 19 20 18	3.3 13.0 23.0 32.8	22 22 22 20	3.3 13.1 23.0 32.8	22 22 22 21	3.3 13.1 23.0 32.8 42.7	23 23 22 22 22	3.3 9.8 16.4 23.0	23 21 21 20		
38	Btm	36	Btm	39	Btm	45	Btm	26	Btm		

Table 46.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 108.31 on February 27, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
300	)	900		1,50	0	2,10	0	2,70	0
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
17.0 34.0 51.0 68.0	5.8 5.7 5.7 5.7	18.6 37.2 55.8 74.4	5.7 5.7 5.6 5.3	23.6 47.2 70.8 94.4	5.6 5.5 5.4 5.3	17.0 34.0 51.0 68.0	5.5 5.4 5.4 5.3	11.8 23.6 35.4 47.2	5.6 5.5 5.4 5.3
85	Btm	93	Btm	118	Btm	85	Btm	59	Btm

		Di	stance	from 1	eft ba	nk (fee	et)		
300	0	900	)	1,50	0	2,10	00	2,70	00
Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans
9.8 23.0 36.1 49.2 62.3 75.5	14 13 12 12 12 12	3.3 19.7 36.1 52.5 68.9 85.3	14 12 12 10 8 10	16.4 32.8 49.2 65.6 82.0 98.4 114.8	10 9 8 8 8 10 10	13.1 26.3 39.4 52.5 65.6 78.7	8 8 8 8 8	9.8 19.7 29.5 39.4 49.2 59.1	8 8 8 8 0
85	Btm	93	Btm	118	Btm	85	Btm	59	Btm

Table 47.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 7, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
300		900		1,50	0	2,10	0	2,70	0
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
9.0 18.0 27.0 36.0	7.3 6.9 6.6 6.6	13.4 26.8 40.2 53.6	7.1 6.8 6.8 6.7	20.8 41.6 62.4 83.2	6.9 6.8 6.8	20.0 40.0 60.0 80.0	7.0 7.0 6.8 6.8	14.6 29.2 43.8 58.4	7.0 7.0 6.9 6.9
45	Btm	67	Btm	104	Btm	100	Btm	73	Btm

		Di	stance	e from 1	eft ba	nk (fee	et)		
300	)	900	)	1,50	0	2,10	0	2,70	00
Depth (ft)	Trans	Depth (ft)	Trans (%)	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans (%)
3.3 13.1 23.0 32.6 42.7	33 32 31 30 30	13.1 26.3 39.4 52.5 65.6	36 34 33 30 26	16.4 36.1 55.8 75.5 95.2	35 34 33 30 30	16.4 36.1 55.8 75.5 95.2	36 35 35 33 32	16.4 29.5 42.7 55.8 68.9	35 36 35 34 34
45	Btm	67	Btm	104	Btm	100	Btm	73	Btm

Table 48.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992

		Di	stance	from 1	eft ba	nk (fee	t)		
300		900		1,5	00	2,10	0	2,70	0
Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp	Depth (ft)	Temp
10.6 21.2 31.8 42.4	9.0 9.0 9.0 9.0	16.6 33.2 49.8 66.4	9.0 9.0 8.9 8.8	17.0 34.0 51.0 68.0	9.0 8.9 8.8 8.8	13.6 27.2 40.8 54.4	9.0 8.8 8.8	11.4 22.8 34.2 45.6	9.1 9.1 9.0 9.0
53	Btm	83	Btm	85	Btm	68	Btm	57	Btm

		D	istance	from	left ba	nk (fee	et)		
30	0	900	)	1,5	500	2,10	00	2,70	00
Depth (ft)	Trans	Depth (ft)	Trans (%)	Depth (ft)	Trans	Depth (ft)	Trans	Depth (ft)	Trans (%)
3.3 19.7 36.1 49.2	15 15 15 10	13.3 23.0 42.1 62.3 78.7	16 16 14 14	16.6 23.0 42.7 62.3 82.0	16 16 18 18	3.3 19.7 36.1 52.5 68.9	18 18 18 18	3.3 19.7 36.1 52.5	20 18 18 16
53	Btm	83	Btm	85	Btm	68	Btm	57	Btm

Table 49.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on February 25, 1992 (1550 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

				Dista	Distance from left bank (feet)	m left	bank	(feet)					
			84			114			141			170	
	Нфд	Dpth	Vel	Нфд	Dpth	Vel	над	Dpth	Vel	НФЭ	Dpth	Vel	Ндд
7		3.3	0.51	211	3.3	0.87	212	3.3	1.1	230	3.3	1.2	234
N		4.9	0.48	229	4.9	0.72		4.9	1.1	227	4.9	1.1	235
0		9.9	0.48	224	9.9	0.57	225	9.9	1.0	236	9.9	0.99	243
Н		8.2	0.41	231	8.2	0.59	227	8.2	0.93		8.2	0.86	241
7		8.6	0.38	230	8.6	0.65	232	8.6	0.99		8.6	1.0	245
6	222	11.5	0.38	226	11.5	0.62	241	11.5	0.81	235	11.5	0.90	245
0.26		13.1	0.45	236	13.1	0.54	256	13.1	0.75	234	13.1	0.90	245
Н		14.8	0.37	238	14.8	0.18	265	14.8	0.63	238	14.8	0.88	237
		16.4	0.05	37	16.4	0.10	325	16.4	0.15	324	16.4	0.12	239
		8.5	btm		17.6	btm		18.1	btm		18.6	btm	

Table 49.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on February 25,1992 (1550 pst)-Continued

		Нфд					1 228			5 149			
	325	Vel	1.1	1.2	0.99	1.1	0.94	0.75	0.19	0.06	btm		
		Dpth	3.3	4.9	9.9	8.2	9.6	11.5	13.1	14.8	15.6		
		Hdg						230		161			
	300	Vel	1.0	1.0	0.95	1.0	0.86	0.87	0.69	0.01	btm		
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	14.8	16.2		
t ban		Hdg	231	233	238	236	236	234	240	271			
rom lef	267	Vel	0.96	1.1	1.1	-	-	0.89	0.80	0.17	btm		
tance for		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	14.8	17.0		
Dis		НЧЭ	232	234	235	237	231	233	237	245	277		
	234	Vel	1.2	1.2	1.2	1.0	1.1	1.0	0.95	0.91	0.12	btm	
		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	14.8	16.4	18.1	
		над	241	240	240	241	241	238	236	243	258	289	
	202	Vel	1.1	1.1	1.1	1.1	1.0	1.0	0.99	0.79	0.24	0.17	btm
		Dpth	3.3	4.9	9.9	8.2	8.0	11.5	13.1	14.8	16.4	18.0	7

Table 49.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on February 25,1992 (1550 pst)-Continued

		Ндд	230	232	236	235	329			
	489	Vel		0.80				btm		
		Dpth	3.3	4.9	9.9	8.2	8.6	11.6 b		
		ндд	229	236	236	242	288	188		
	463	Vel	0.94	0.84	0.86	0.62	0.16	0.09	btm	
(feet)		Dpth	3.3	4.9	9.9	8.2	8.6	11.5		
t bank		Нфд	232	229	236	239	230	250		
om lef	428	Vel	1.0	0.89	0.91	0.72	0.49	0.07	btm	
Distance from left bank (feet)	-	Dpth	3.3	4.9	9.9	8.2	8.6	11.5		
Dis'		Брн	236	243	240	235	235	243	96	
	393	Vel	1.1	0.98	0.89	0.82	0.78	0.36	0.03	btm
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.0 F
		над	232	228	228	243	237	230	339	
	359	Vel	н.	0.97	0.97	0.89	0.79	0.69	0.11	btm
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	15.0 b

Table 49.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on February 25,1992 (1550 pst)—Continued

					1		49	1	(17.23)					
					DISC	Distance irom leit bank (leet)	m Terr	pank	(reer)					
	359			393			428			463			489	
Dpth	Vel	Нфд	Dpth Vel	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд
3.3	0.82		3.3	0.94	229	3.3	06.0			0.86	245	ო ო	0.97	235
4.9	0.73		4.9	0.83	225	4.9	0.83		4.9	96.0		4.9	0.84	238
9.9	0.71		9.9	0.65	230	9.9	0.71	225	9.9	0.91	248	9.9	0.83	241
8.2	0.74	244	8.2	0.56	221	8.2	0.57	238	8.2	0.48	266	8.2	0.80	236
8.6	0.12		9.8	0.05	126	9.8	0.03	32	8.6	0.22	321	8.6	0.11	308
11.6	btm		11.2	btm		11.3 btm	btm		11.1	btm		11.3	btm	

Table 49.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on February 25,1992 (1550 pst)—Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	525			559			594			621		1	656	
Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	НФЗ
m	0.82		ຕ ຕ	0.94	229	en en	06.0	227	ლ	98.0	245	ო ო	0.97	235
ത	0.73	241		0.83		4.9	0.83	230	4.9	96.0		4.9	0.84	238
9.9	0.71	240	9.9	0.65		9.9	0.71	225	9.9	0.91		9.9	0.83	241
7	0.74	244	8.2	0.56		8.2	0.57	238	8.2	0.48	266	8.2	0.80	236
ω.	0.12	340	9.8	0.05	126	9.8		32	8.6	0.22	321	9.8	0.11	308
11.6 k	btm		11.2	btm		11.3	btm		11.1	btm		11.3	btm	

Table 49.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on February 25,1992 (1550 pst)-Continued

		Hdg	231	229	234	222	182		
	818	Vel	0.73	0.73	0.63	0.17	0.08	btm	
		Dpth	3,3	4.9	9.9	8.2	9.8	10.5	
		ндд	232	225	224	226	206		
	784	Vel	0.81	0.68	0.61	0.47	0.05	btm	
feet)		Dpth	3.3	4.9	9.9	8.2	9.8	11.2 k	
) ank (		Нфд	230	233	228	233	288	74	
left k	756	Vel	0.77	0.74	0.77	0.66	0.15	90.0	btm
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	11.8 k
Distar		Нфд	230	228	228	228	306		
	725	Vel	0.95	0.91	0.83	0.87	0.04	btm	
		Dpth Vel	3.3	4.9	9.9	8.2	9.8	11.7	
		Ндд	229	227	232	235	289		
	691	Vel	0.94	0.98	0.84	0.69	0.08	otm	
		Dpth Vel	3.3	4.9	9.9	8.2	9.8	11.4 1	

Table 49.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on February 25,1992 (1550 pst)-Continued

		Vel Hdg								
		Dpth								
	893	Hdg								
		Dpth Vel								
(feet)		Dpth								
bank		Hdg			188					
m left				0.45	0.40	0.06	otm			
Distance from left bank (feet)		Dpth vel	(	ж. Ж.	4.9	6.6 0.	8.4			
Dist		Ндд			226	221				
	883	Vel	,	0.65	0.64	0.13	btm			
		Dpth		ო. ო.	4.9	9.9	8.4 btm			
	850	Hdg		223	217	225	194			
		Vel		0.58	0.57	0.47	0.10	btm		
		Dpth	(	ო. ო.	4.9	9.9	8.2	10.01		

Table 50.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 06, 1992 (1049 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Ндд	227	227	227	219	212	285		
Distance from left bank (feet)	172	Vel	4.6	4.6	4.2	3.1	0.56	0.34	btm	
		''	Dpth	2.9	3.7	4.5	5.3	6.1	7.0	
	142	Ндд	222	222	222	224	209	187		
		Vel	4.8	4.8	4.4	4.0	1.9	0.30	btm	
		Dpth	2.9	3.7	4.5	5.3	6.1	7.0		
	109	Нфд	219	219	217	220	214	182	193	
		Vel	5.6	5.6	5.2	4.6	3.9	2.1	1.3	btm
		Dpth	2.9	3.7	4.5	5.3	6.1	7.0	7.8	
Dista	80	Над	220	221	220	223	223	180		
		Vel	4.8	4.6	4.3	3.9	3.0	0.39	btm	
		Dpth Vel	2.9	3.7	4.5	5.3	5.3 7.0	8.3 1		
	48	Ндд	224	227	224	230	233			
		Vel	3.8	3.7	2.8	2.0	0.40	btm		
		Dpth Vel Hdg	2.9	3.7	4.5	5.3				

Table 50.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 06, 1992 (1049 pst)Continued

Table 50.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 06, 1992 (1049 pst)Continued

	Dpth Vel Hdg	
	Hdg Dpt	
	Vel	
(feet)	Hdg Dpth Vel	
t bank		
om lef	Vel	
Distance from left bank (feet)	Dpth Vel	
Dist	Ндд	120
383	Vel	.9 0.65 120 .7 0.43 165 .8 btm
	Dpth	3.7
	Hdg	225
371	Vel	0.95 0.54 btm
	Dpth Vel	2.9 0. 3.7 0. 4.5 btm

Table 51,-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 17, 1992 (1515 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	267	266	265	265	256	253		
	173	Vel	4.5	4.3	4.4	4.4	3.1	0.37	btm	
		Dpth	2.9	3.7	4.5	5.3	6.1	7.0		
		Hdg	266	265	266	260	259	232		
	139	Vel	5.1	4.9	4.6	4.2	3.8	0.91	btm	
(feet)	1	Dpth	2.9	3.7	4.5	5.3	6.1	7.0		
bank		Hdg	270	267	267	265	260	265		
n left	109	Vel	4.7	4.7	4.3	3.8	2.1	0.78	btm	
Distance from left bank (feet)		Dpth	2.9	3.7	4.5	5.3	6.1	7.0		
Dista		Нфд	277	281	279	282	322			
	73	Vel	4.2	3.9	3.6	1.6	1.8	btm		
		Dpth	2.9	3.7	4.5	5.3	6.1	7.1 1		
		Hdg	260	263	261	263	268	310		
	47	Vel	2.5	2.5	2.5	2.0	1.6	0.22	0.12	btm
		Dpth Vel	2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.2 E

Table 51.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 17, 1992 (1515 pst)-Continued

					Dist	ance fr	Distance from left bank (feet)	bank	(feet)					
	202			238			267		•	303			332	
Dpth	Dpth Vel Hdg	Ндд	Dpth	th Vel	Нфд	Dpth Vel	Vel	над	Dpth Vel	Vel	ндд	Dpth Vel	Vel	Ндд
2.9			2.9	4.3	274	2.9		275		3.2	276	2.9	1.8	287
3.7			3.7	4.3	273	3.7		268		1.2	290	3.7	0.27	298
4.5			4.5	3.7	265	4.5	1.6	293	4.5	0.09	272	4.5	0.28	280
5.3			5.3	2.3	268	5.3		202	5.4 btm	btm			btm	
6.1	1.6	290	6.1	1.5	255	6.1	btm							
7.0			7.1	btm										
8.0	btm													

Table 51.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 17, 1992 (1515 pst)-Continued

l		ł	
		Ндд	
		Vel	
		Dpth Vel Hdg	
		Hdg	
		Vel	
(feet)		Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	
bank		Hdg	
m left		Vel	
Distance from left bank (feet)		Dpth	
Dista		Hdg	
		Vel	
		_c	
		над	62
	348	Vel	2.9 0.52 3.8 btm
		Dpth Vel Hdg Dpt	9. w 9. 8

Table 52.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	63			91			121		77	154			184	
Dpth	Vel	Ндд	Dpth	Vel	над	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Нфд
3.3	0.04	349	3.3	0.06	23	3.3	0.07	305	3.3	0.07	243	3.3	0.22	313
4.9	0.07	41	4.9	0.10	36	4.9	0.03	173	4.9	0.01	180	4.9	0.16	310
9.9	0.05	75	9.9	0.09	43	9.9	0.11	9	9.9	0.04	341	9.9	0.21	284
8.2	0.05	137	8.2	0.03	209	8.2	0.13	321	8.2	0.11	291	8.2	0.14	310
8.6	0.14	134	8.6	0.03	156	8.6	0.03	243	8.6	0.13	309	8.6	0.22	297
14.0 ]	btm		11.5	0.07	18	11.5	0.07	261	11.5	0.14	307	11.5	0.21	298
			13.1	0.01	90	13.1	0.02		13.1	0.12	321	13.1	0.18	308
			14.8	•	323	14.8	0.03	9	14.8	0.14	351	14.8	0.19	296
			16.4	0.04	296	16.4	0.07	278		0.14	310	16.4	0.16	300
			18.0	0.10	183	18.0	0.11	253	18.0	0.19	300	18.0	0.11	261
			19.7	0.01	123	19.7	0.07	338	19.7	0.07	230	19.7	0.12	328
			ო.	btm		21.7	btm		22.0 1	btm		21.3	0.05	342
												22.1	btm	

Table 52.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)-Continued

		ндд		291	281	273	274	278	287	264	265	267	277	180	
	347	Vel		0.37	0.35	0.29	0.36	•	0.27	0.29	0.31	0.26	0.21	0.08	btm
	(,,	Dpth		3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	18.0	19.7	21.4 b
		Hdg	-	290	286	271	282	281	285	286	290	292	253	327	
	314	Vel		0.35	0.38	0.38	0:30	0.36	0.33	0.33	0.28	0.30	0.18	0.07	tm tm
(feet)	ĸ	Dpth		3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	18.0	19.7	21.1 b
bank		Hdg		300	295	281	271	288	278	280	274	278	276	300	
1 left	282	Vel		0.29	0.36	0.37	0.41	0.33	0.33	0.32	0.27	0.28	0.31	0.05	btm
Distance from left bank (feet)		Dpth		3.3	4.9	9.9		8.6	11.5	13.1	14.8	16.4	18.0	19.7	21.1 b
Dista		Hdg		272	289	286	284	271	280	286	277	280	286	249	
	251	vel		0.25	0.27	0.26	0.27	0.32	0.26	0.19	0:30	0.26	0.21	90.0	btm
		Dpth		3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	18.0	19.7	21.5 b
		Hdg		285	290	299	297	290	283	297	294	304	264	316	
	219	Vel		0.26	0.20	0.18	0.23	0.26	0.29	0.27	0.27	0.20	0.13	0.13	tm t
		Dpth		3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	18.0	19.7	21.9 b

Table 52.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)—Continued

		ндд	289	298	282	288	284	283	285	289	286	273	272		
	515	Vel	0.46	0.39	0.37	0.43	0.41	0.35	0.32	0.33	0.40	0.36	0.14	btm	
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	18.0	19.7	21.8	
		Нфд	289	293	279	285	275	280	291	281	281	274	297	313	
	447	Vel	0.43	0.49	0.41	0.49	0.42	0.47	0.37	0.41	0.32	0.35	0.24	0.14	btm
(feet)	4	Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	18.0	19.7	21.3	22.1 b
bank		ндд	277	286	280	289	294	286	300	284	280	263	296		
n left	446	Vel	0.37	0.37	0.43	0.41	0.46	0.43	0.37	0.39	0.34	0.36	0.09	btm	
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	14.8	16.4	18.0	19.7	21.9 b	
Dista		Нфд	303	307	307	301	309	297	307	302	290	279	291		
	416	Vel	0.42	0.36	0.29	0.37	0.28	0.32	0.30	0.30	0.24	0.22	0.11	btm	
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	18.0	19.7	2.2	
		над	287	275	288	288	286	266	277	280	288	285	265	32	
	379	Vel	0.40	0.31	0.38	0.42	0.37	•	•	0.33	•	•	0.18	0.03	btm
		Dpth	3.3	4.9	9.9	•	•	11.5	13.1	14.8	16.4	18.0	19.7	21.3	0

Table 52.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	546			579			610			642			675	
Dpth	Vel	Hdg	Dpth	vel	ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд
.3	0.37	278		0.37	283		0.43	292	3.3	0.27	295		0.47	288
4.9	0.27	288	4.9	0.39	287	4.9	0.49	284	4.9	0.34	289	4.9	0.40	289
9.9	0.33	279	9.9	0.44	279	9.9	0.47	279	9.9	0.30	288	9.9	0.42	286
8.2	0.43	280		0.30	293	8.2	0.48	280	8.2	0.32	300	8.2	0.37	280
8.6	0.32	284		0.27	271	9.8	0.38	289	9.8	0.30	291	8.6	0.36	280
11.5	0.40	274		0.27	265	11.5	0.35	291	11.5	0.32	284	11.5	0.29	289
13.1	0.37	269		•	260	13.1	0.37	283	13.1	0.26	278	13.1	0.28	289
14.8	0.34	280	14.8	0.32	277	14.8	0.35	277	14.8	0.20	284	14.8	0.33	271
16.4	0.28	275	16.4	0.33	280	16.4	0.23	281	16.4	0.15	301	16.4	0.36	259
18.0	0.33	251	18.0	0.39	283	18.0	0.16	304	18.7	btm		18.0	0.08	209
19.7	0.07	284		0.03	302	20.1	btm					20.2	btm	
	btm		21.5	btm										

Table 52.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	713			744			777		•	809			841	
Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Hdg
3.3	0.42	280	3.3	0.38	283	3.3	0.40	285	3.3	0.37	293	3.3	0.45	299
4.9	0.33	288	4.9	0.39	282	4.9	0.25	270	4.9	0.32	275	4.9	0.38	289
9.9	0.37	280	9.9	0.36	277	9.9	0.30	269	9.9	0.35	271	9.9	0.36	296
8.2	0.43	279	8.2	0.39	280	8.2	0.29	263	8.2	0.33	257	8.2	0.26	295
9.8	0.49	285	9.8	0.36	264	9.8	0.27	271	8.6	0.26	253	9.8	0.16	266
11.5	0.30	274	11.5	0.36	276	11.5	0.10	217	11.5	0.09	195	11.5	0.05	352
13.1	0.37	275	13.1	0.31	283	13.1	0.07	14	13.1	btm		12.6	btm	
14.8	0.33	285	14.8	0.40	274	15.2	btm							
16.4	0.27	256	16.4	0.16	272									
18.0	0.15	221	18.0	0.13	226									
20.0	btm		19.0	btm										

Table 52.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	872			905			937			970			1,003	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3.3	0.45		3.3	0.24		3.3	0.41		3.3	0.40	293	3.3	0.46	267
4.9	0.47	285	4.9	0.32	237	4.9	0.38	279	4.9	0.37	279	4.9	0.39	268
	0.46		9.9	0.32		9.9	0.45	281	9.9	0.40	286	9.9	0.29	265
8.2	0.45		8.2	0.27		8.2	0.36	253	8.2	0.31	270	8.2	0.28	272
8.6	0.41		8.6	0.34		8.6	0.39	259	8.6	0.27	263	9.6	0.36	282
11.5	0.12		11.5	0.24	167	11.5	0.04	210	11.5	0.16	209	11.5	0.31	274
12.4 k	btm		12.9	btm		13.1	btm		13.7	btm		13.1	0.14	246
												15.2	btm	

Table 52.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	1,035			1,059			1,093		П	1,125			1,157	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
n n	, ,	210	n	и С	и С	c c	2	790	n n	с с	o C	n	0	5
ر. 4 و. 4	68.0 0.39	267	ე 4. ე. დ.		248	ა <b>4</b> .	0.46	254		0.26	248		0.35	264 264
9.9	0.41	272		•	256	9.9	0.40	250		0.34	253		0.26	വ
	0.42	288	8.2	0.48	251	8.2	0.40	247	8.2	0.32	267	8.2	0.36	252
8.6	0.36	288	9.6	0.43	260	9.8	0.32	241	8.6	0.28	255	8.6	0.27	254
11.5	0.26	287	Н	0.46	245	11.5	0.29	254	11.5	0.19	250	11.5	0.24	
13.1	0.28	269	13,1	0.41	272	13.1	0.31	255	13.1	0.25	234	13.1	0.23	286
14.8	0.07	336	14.8	0.20	253	14.8	0.29	246	14.8	0.27	267	14.8	0.18	
16.5	btm		16.4	0.19	168	16.4	0.27	232	16.4	0.19	253	16.4	0.24	265
			18.2	btm		18.0	0.15	197	18.0	0.23	251	18.0	0.22	276
						20.0	btm		19.7	0.13	196	19.7	0.21	218
									22.1	btm		23.5	btm	

Table 52.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)-Continued

•					Dist	Distance from Left bank (feet)	m Lett	bank	(feet)					
•	1,187			1,214			1,243							
Dpth Ve	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Ve1	Hdg
	۲.	287	3.3	0.05	341	3.3	0.07	14						
•	.07	247	4.9	0.07	239	4.9	0.16							
	٥.	202	•	0.02	233	9.9	0.08	180						
7.	۲.	299	8.2	0.08	326	8.2	0.14	338						
	0.19	256	•	0.11	295	8.6	0.12	273						
11.5 0	٥.	255	1.	0.09	263	11.5	0.12	260						
13.1 0	°.	240	13.1	0.11	259	13.1	0.07	226						
ω.	°.	249	4.	0.11	277	14.8	0.06	276						
16.4 0	0.	255	6.	0.10	264	16.4	0.05	255						
0.		253	ω.	0.11	262	18.0	0.18	219						
9.7	۲.	353	19.7	0.13	250	19.7	0.06	186						
21.3 0	۲.	278	H.	0.17	153	20.8	btm							
3	°.	203	3.9	btm										
24.9 btm	e													

Table 53.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on March 18, 1992 (0831 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Над							
		Vel							
		Dpth							
(feet)		Hdg	ı						
bank	Island	Vel	0						
om left		Dpth	0						
nce fr		Hdg		269	272	318			
dista	108	Vel	2.0	0.88	0.81	0.43	btm		
Left channel distance from left bank (feet)		Dpth	2.9	3.7	4.5	5.3	5.61		
Left		Hdg	277	275	272	271			
	89	Vel	4.3	4.1	3.6	2.5	0.44	0.69	btm
		Dpth Vel	2.9	3.7	4.5	5.3	6.1	7.0	7.3 1
		Ндд		273					
	58	Dpth Vel Hdg	1.1	1.2	0.52	otm			
		Dpth	2.9		4.5	4.6 btm			

Table 53.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on March 18, 1992 (0855 pst)-Continued

70 101 Dpth Vel Hdg Dpth Vel Hdg 2.9 3.6 280 2.9 5.6 281 3.7 5.1 278 4.5 0.75 289 4.5 1.8 285 5.4 btm 6.0 btm	,	,	1	,				
101 Dpth Vel 2.9 5.6 3.7 5.1 4.5 1.8 5.3 1.6 6.0 btm	Right channel distance from left bank (feet)	ance f:	rom left	bank	(feet)			
14dg Dpth Vel 280 2.9 5.6 285 3.7 5.1 289 4.5 1.8 5.3 1.6 6.0 btm	133		170	0/			195	
280 2.9 5.6 285 3.7 5.1 289 4.5 1.8 5.3 1.6 6.0 btm	y Dpth Vel	Нфд	Dpth	Vel	Ндд	Dpth	Vel	ндд
285 3.7 5.1 289 4.5 1.8 5.3 1.6 6.0 btm	0	80	o	г. -	880	σ 0	ι (	294
289 4.5 1.8 5.3 1.6 6.0 btm	3.7 4.5	293	3.7	3.5	293	3.7	4.8	295
5.3 1.6 6.0 btm	4.5	312	4.5	2.0	262	4.5	3.6	286
	5.3	300	5.3	2.0	268	5.3	0.75	316
	6.0 btm			btm		6.1	0.80	258
						6.6	btm	

Table 53.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on March 18, 1992 (0855 pst)Continued

Right channel distance from left bank (feet)	287 321	oth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	2.9 4.1 282 2.9 0.73 330 2.9 1.2 261 3.7 1.3 292 3.7 0.33 119 3.0 btm 4.5 1.6 271 3.9 btm 5.2 btm
channel distance fi	287	Hdg	4.1 1.3 1.6 btm
Right	260	Dpth Vel Hdg	2.9 4.3 290 3.7 1.9 289 4.5 0.36 274 5.4 btm
	227	Dpth Vel Hdg Dr	2.9 5.1 290 3.7 3.8 289 4.5 1.6 290 5.3 0.79 311 5.9 btm

Table 54.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on February 26, 1992 (1159 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

	ĺ	Ндд	1 242	3 235									22	175	
	170	Vel	0.24	0.28	0.28	0.23	0.20	0.22	•	0.27	0.27	0.11		0.12	btm
		Dpth	3.3	4.9	9.9	8.2	9.6	11.5	13.1	14.8	16.4	18.0	19.7	21.3	25.8
		ндд	206	211	208	226	234	219	208	221	223				
	143	Vel	0.17	0.18	0.19	0	0	0.28	0.24	0.17	0.12	btm			
(feet)	•	Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	14.8	16.4	18.2			
bank		НФд	212	211	211	242	262	165							
om left	113	Vel	0.12	0.16	0.14	0.08	0.08	0.05	btm						
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	•	9.8	11.5	15.3						
Dist	Į	над	147	143	153	170	94								
	85	Vel	0.13	0.11	0	0	0.05	btm							
		Dpth	3°.3	4.9	9.9	8.2	8.6	13.8							
	İ	Ндд	63	33	63										
	56	Vel	0.08	0.06	0.12	btm									
		Dpth	3.3	4.9	9.9	11.3									

Table 54.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on February 26, 1992 (1159 pst)—Continued

		Hdg	Ω		257	4	246	Ŋ	4	4		4	Ŋ	4		3	S	Н		
	330	Vel	•	0.46	.43		.39	.39	8	.39	.34	.34	.39	.31	.29	0.35	.38		0.10	btm
	(*)	Dpth	3.3	4.9			9.8	Н	3	4	16.4	ω	σ	$\vdash$	$^{\circ}$	4	9	7	σ	1.1
		Нфд	4	S	Ŋ	9	252	Ŋ	Ŋ	Ŋ	Ŋ	4	ß	4	Ŋ	S	S	9		
	299	Vel	ω.	0.38	•	0.43	0.43	0.44	•	ε.	0.46	4.	4.	4.	2.34	ε.	0.16		btm	
(feet)	N	Dpth	3.3	4.9			8.6	Н	3	4	16.4	ω	σ	Н	$^{\circ}$	4	9	7	9.6	
bank		Hdg	Ŋ	ß	S	9	262	S	S	ß	S	9	9	2	7	ω	12			
m left	267	Vel	ω.	2.34		ε.	ε.	•	ω.	ω.	0.37	ε.	ω.	0.36	0.39	0.25	90.0	btm		
Distance from left bank (feet)		Dpth	3.3	4.9	•	•	8.6	٠.	ω,	4.	•	ω.	6	٠.	ω,	4.	ė.	8.0		
Dista		Hdg	257	260	261	245	258	260	260	267	266	271	271	270	274	259	272	193		
	236	vel	ω.	0.29	ω.	۳.	•	ω.	ε.	ω.	0.27	ω.	7.	•	ε.	0.31	٠,		btm	
		Dpth	3.3	•	•	•	8.6	•	•	•	•	•	9	•	٠	4.	9	•	29.4	
		Hdg	4	4	4	3	235	က	2	$^{\circ}$	3	4	က	3	$^{\circ}$	4	Н	0		
	205	Vel	ω.	٣.	ω.	ĸ,	0.26	ε.	ω.	ω.	ω.	7	7	٥.	٦.	0.	₹.	٥.	btm	
		Dpth	•	•	•	•	8.6	÷.	ω,	4.	•	ω.	6	ij	ω,	4.	ė.	7.	9.1	

Table 54.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on February 26, 1992 (1159 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	362			393			428		,	458			492	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3,3	4.	ß	3.3		4	3.3		4	3.3	0.36	ß	•	ω.	ന
•	4.	4		0.41	က	•	0.36	S	4.9	•	S	4.9	ω.	4
•	۳.	ന		0.39	S	•		S	•	0.33	4	•	ω.	9
•	0.45	2		0.41	5	•	0.36	9		0.38	9	•	ω.	5
•	ω.	9		0.33	4	•	0.39	2		0.39	വ	•		2
ä	ო.	S	$\vdash$	0.37	4	H	0.43	9	ä	0.40	9	H	ω.	4
ë.	0.41	4	$^{\circ}$	0.41	2	ω,	0.44	4	ë.	4.	9	ë.		2
4.	ω.	4	4	0.47	4	4.	4.	S	4.	0.42	S	4	ω.	4
9	0.36	4	9	0.43	4	9	0.45	S	16.4	0.42	9	9		S
18.0	0.32	245	18.0	0.39	243	18.0	0.43	248	18.0	0.35	260	18.0	0.31	257
6	ω.	4	S	4.	5	6	0.43	S	19.7	4.	S		ω.	S
급.	4.	4	Н	ω.	Ŋ	H	0.41	4	÷		ß	Ä		ß
ж Э	ω.	3	က	ω.	5	ო	0.42	4	т М		9	m •	90.0	45
4.	0.31	9	4	0.38	S	4.	0.40	$^{\circ}$	4.		284	5.2	btm	
9	'n.	4	9	0.35	2	ė.	0.11	σ	5.8	btm				
7.	2	0	7	0.16	9	8.7	btm							
6	۲.	ω	1.0	btm										
1.9	btm													

Table 54.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on February 26, 1992 (1159 pst)—Continued

		Над	264	262	267	266	274	270	276	263	263	273	270	285	120	
	656	Vel	0.53	0.55	0.47	0.53	0.54	0.45	0.45	0.51	0.44	0.45	0.43	0.26	90.0	btm
		Dpth	3°3	4.9	•	8.5	8.6	11.5	13.1	14.8	16.4	18.0	19.7	21.3	23.0	24.5 1
		ндд	252	255	249		254	254	S	5	9	268	7	154		
	620	Vel	0.48	0.54	0.61	0.43	•	•	0.52	•	•	•	0.33	0.12	btm	
(feet)	9	Dpth	3.3	4.9	9.9	8.2	8.6	$\vdash$	3	4	9	18.0	9	$\vdash$		
bank		над	255	258	264	270	264	255	261	260	261	261	281	243		
n left	591	Vel	0.50	0.52	0.49	0.44	0.56	0.53	0.50	0.50	0.46	0.40	0.38	0.03	btm	
Distance from left bank (feet)	į	Dpth	3.3	4.9		8.2	9.8	11.5	13.1	14.8	16.4	18.0	19.7	21.3	23.5 k	
Dista		над	252	253	255	262	266	265	260	266	272	268	281	309		
	557	Vel	0.42	0.48	0.47	0.44	0.40	0.41	0.36	0.46	0.39	0.32	0.29	0.05	btm	
		Dpth	3,3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	9	18.0	9	Ξ.	23.9	
		ндд	251	265	263	254	260	260	259	267	271	271	279	259	293	
	522	Vel	ω.	ω.	0.32	ω.	ω.	7.	ω.	7	ω.		2	4		btm
		Dpth	3.3	4.9	9.9	•	•	•	ω.	4.	ø.	18.0	ė.	ä	ω.	5.6

Table 54.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on February 26, 1992 (1159 pst)-Continued

		Hdg	272	275	276	281	283	275	274	275	ω	295	σ	290		92		
	816	Vel	0.49	0.50	0.53	0.53	0.54	0.50	•	0.52	0.48	0.49	0.49	•	0.35	0.03	btm	
		Dpth	3.3	4.9	•	8.2						18.0	19.7	21.3		24.6	5.	
		над	281	273	282	272	282	286	282	284	281	281	283	284		Ŋ	63	
	785	Vel	0.48	0.49	0.49	0.50	0.64	0.54	0.52	0.60	0.59	0.65	0.59	0.50	0.46	0.07	0.01	btm
bank (feet)	7	Dpth	3.3	4.9	•	8.2		11.5	13.1	14.8	9	18.0		21.3	•	4.	•	27.0 k
bank		Нфд	273	279	278	269	274	271	275	272	272	276	278	270	278	132		
m left	753	Vel		0.53		0.60	0.54	0.58	0.58	•	٠	0.51	0.46	0.52	0.48	0.05	btm	
ance from		Dpth	3.3	4.9	•	•	•	11.5	ω.	•	9	18.0	о О	21.3		•	6.7	
Distance		над	268	275	272	281	281	276	278	273	274	278	282	277	301	4		
	723	Vel	0.58	0.63	0.53	0.58	0.55	0.62	0.65	0.53	0.49	0.51	0.51		0.38	0.04	btm	
		Dpth	3.3	•	•	8.2	•	÷.	ů.		ė.		о О	21.3	ω,	4.	9.9	
		ндд	274	270	275	279	279	271	272	276	290	279	283	285	306	124		
	989	Vel	5	5	9.	0.50	5	۰.	5.	0.53	4.	0.42	٠4	0.41	0.34		btm	
		Dpth		•		8.2	•	÷.	ω.	4.	6.	φ.	e.	•	ж.	4.	5.8	

Table 54.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on February 26, 1992 (1159 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	853			884			915		<b>5</b> 1	950			086	
Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	Над	Dpth	Vel	над
3.3	0.40	274	3.3	٣.	8	3.3	٣.	279	3.3	0.17		3.3	0.09	227
4.9	0.44	272	4.9	0.30	ω	4.9	0.27	290	4.9	0.20	268	4.9	0.09	270
•	4.	278	9.9	0.36	0	•	ω.	271	9.9	0.11	9	•	0.	309
•	0.41	284	8.2	0.37	თ	8.2	0.28	264	8.2	0.14	ω	•	0.16	315
9.6	4.	289	•	0.29	281	8.6	0.38	263	8.6	0.12	4	9.6	0.04	282
ij	0.48	286	11.5	0.38	ω	11.5	0.33	275	11.5	0.08	4	11.5	0.14	270
13.1	4.	286	•	ω.	7	13.1	0.35	270	13.1	0.14			.1	
4.	4.	277		0.39	0	14.8	0.40	278	14.8	0.11	$^{\circ}$	14.8	0.12	172
9	4.	283	9	ω.	æ	16.4	0.29	251	•	0.07	9	•	0.04	184
ω.	0.50	282		0.36	0	18.0	0.36	267	•	0.12	Н		0.09	175
6	3.	285	σ	0.34	σ	19.7	0.36	271	19.7	0.15	$^{\circ}$	19.7	0.13	239
	ω.	280	21.3	0.38	294	21.3	ε.	273	21.3	0.13			0.09	236
ω,	ω.	303	ω,	0.34	286	е Э	0.30	264	ë.	0.16		æ,	0.05	227
4.	۲.	295	4	0.43	304	4.	0.09	245	24.6	0.17	249	24.6	0.11	116
9	Η.	165	9	0.03	29	26.2	0.04	333	•	0.02	153		90.0	105
7.0	btm		8.1	btm		27.9 1	btm		27.7	btm		27.3	btm	

Table 54.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on February 26, 1992 (1159 pst)-Continued

		Ндд														
		Vel														
		Dpth														
		Ндд														
		Vel														
(feet)		Dpth														
bank		Hdg														
om left		Vel														
Distance from left bank (feet)		Dpth														
Dista		Ндд														
		Vel														
		Dpth														
		Hdg	154	77	349	41	356	352	83	51	343	353	126	30		
	1,014	Vel	0.12	0.03	0.09	0.07	0.10	0.03	0.08	0.08	0.07	90.0	0.03	0.10	btm	
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	18.0	19.7	21.3		

Table 55.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 06, 1992 (1015 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		ндд	250	252	254	257	256	263	256		
	207	Vel	0.97	0.98	0.95	0.96	0.86	0.43	0.31	btm	
		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1		
		над	250	255	253	254	258	256	260	25	
	177	Vel	0.72	0.71	0.65	0.67	0.62			0.15	btm
(feet)	П	Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.3 k
bank		Ндд	259	253	258	257	264	264	262	257	
m left	149	Vel	0.65	0.63	0.58	0.58	0.62		0.53	0.26	btm
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.91
Dista		Ндд	257	250	267						
	122	Vel	0.37	0.24	0.24	btm					
		Dpth Vel	3.3	4.9	9.9	10.7					
		ндд	287	297							
	66	Ve1	0.31	4.9 0.10	btm						
		Dpth Vel	3.3	4.9	6.3 1						

Table 55.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 06, 1992 (1015 pst)Continued

		Нфд	257	257			261			250	275		
	369	Ve1	0.87	0.89	0.82	0.89	0.91	0.78	0.67	0.48	0.14	btm	
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	17.1	
		Hdg	254	262	254	257	255	251	251	253	242		
	338	Vel	0.73	•	0.76	0.81	0.80	0.71	0.66	0.60	0.16	btm	
(feet)	(.,	Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	18.5 1	
bank		нфд	245	249	249	253	252	252	255	246	242	249	
m left	307	Vel	0.81	0.86	0.81	0.74	0.77	0.73	0.63	0.50	0.21	0.11	btm
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	18.0	18.3 1
Dista		Над	246	247	252	250	258	257	265	251	0		
	272	Vel	0.73	0.75	0.71	0.68	0.69	0.72	0.63	0.42	0.16	btm	
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	17.4	
		Hdg	250	251	256	260	264	261	227				
	238	vel	0.98	0.99	1.0	0.99	0.93	0.71	0.21	btm			
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8 F			

Table 55.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 06, 1992 (1015 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	401			435			469			501			534	
Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth Vel	Vel	Нфд
m	1.0		3.3	1.3	264	3,3	1.1		3.3	1.2		3.3	1.0	262
σ	1.0		•	1.2	266	4.9	1.2		4.9	1.1		4.9	1.0	260
9	1.1		•	1.1	262	9.9	1.0		9.9	1.0		9.9	1.0	260
7	0.85		•	0.92	266	8.2	0.98		8.2	0.66		8.2	0.03	343
<b>∞</b>	0.83		9.8	0.32	255	9.8	0.55	270	9.8	09.0	259		btm	
11.5	0.53	261	11.5	0.09	306	11.5	0.28		11.5	0.45				
Н	0.22		12.5	btm			btm			btm				
14.3 b	btm													

Table 55.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 06, 1992 (1015 pst)-Continued

		ндд	262	265	264	263	262	230	
	693	Vel	1.3	1.3	1.2	1.1	1.1	0.16	btm
		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.6 k
		Ндд	262	261	268	271	265	181	
	662	Vel	1.1	1.1	1.2	1.2	0.91	0.13	btm
(feet)	9	Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.0 b
bank		Ндд	269	267	269	267	250		
n left	626	Vel	1.4	1.3	1.4	1.1	0.14	btm	
Distance from left bank (feet)		Dpth		4.9				11.7 b	
Dista		Над	262	260	262	262	235		
	593	Vel	1.3	1.3	1.3	0.47	0.10	btm	
		Dpth Vel	3.3	4.9	9.9	8.2	8.6	10.7 k	
		Над	266	268	268	261			
	567	Vel	1.2	1.1	1.1	0.18	otm		
		Dpth	3.3	4.9	9.9	8.2	10.4 k		

Table 55.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 06, 1992 (1015 pst)Continued

		Нфд	269	265	273	275	272	271	234	
	858	Vel						0.57		btm
	80	Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	
		Hdg	277	279	278	279	281	277	272	
	826	Vel	1.1	0.98	1.0	0.89	0.92	0.49	0.33	btm
(feet)	80	Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.5 b
bank (		Hdg	279	278	274	272	268	353		
n left	789	Vel	1.2	1.2	1.0	0.99	0.89	0.03	btm	
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	9.6	11.5	13.4 b	
Dista		Hdg	271	271	274	267	268	271	218	
	759	Vel	1.5	1.5	1.4	1.3	1.2	0.53	0.13	btm
		Dpth	3.3	4.9	9.9	•	9.8	11.5	13.1	14.1 b
		Hdg	269	268	268	269	266	264	278	
	725	Vel	1.4	1.3	1.2	1.2	1.1	0.36	0.30	btm
		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	13.8 b

Table 55.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 06, 1992 (1015 pst)-Continued

		Нфд								
		Vel								
		Dpth								
	ļ	над								
		Vel								
(feet)		Dpth								
bank		над	277	274	277	278	276	264	127	
n left	954	Vel	0.87	0.81	0.75	0.76	0.65	0.56	0.04	btm
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	14.6 b
Dista		над	272	270	273	276	267	270	161	
	922	Vel	1.1	1.0	1.0	0.86	0.77	0.85	0.04	btm
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.9 b
		над	267	270	272	267	264	264	214	
	889	Vel	1.0	1.0	0.84	0.92	0.86	0.87	0.08	btm
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	

Table 56.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 18, 1992 (1051 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees

from magnetic North; btm, bottom]

Hdg 246 246 246 246 246 246 246 248 238 238 4 4 8 8 8 8 2 1 1 1 1 0 6 8 4 5 4 5 7 1 5 Vel 174 Dpth Hdg 230 229 227 227 224 224 244 218 240 Vel 143 3.7 7.6 1.0 7.0 7.0 8.6 8.6 Dpth Distance from left bank (feet) Hdg 228 211 225 190 2.0 1.6 0.91 0.92 Vel 114 2.9 3.7 5.3 Dpth Hdg 219 226 234 207 217 209 195 1.3 1.3 1.3 0.71 0.86 0.65 Vel 80 2.9 3.7 4.5 7.0 7.0 7.0 8.6 Dpth 230 207 211 198 194 193 Hdg 0.45 0.53 0.56 0.46 Vel 7.0 3.7 4.5 5.3 6.1 Dpth

Table 56.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 18, 1992 (1051 pst)Continued

		Ндд					2 227		5 224	
	331	Vel	4.	4	4	3.8	3.2	2	 	btm
		Dpth	2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.8
		над	223	222	223	226	290	301		
	298	Vel	3.6	3.4	2.9	5.6	0.83	0.53	btm	
(feet)		Dpth vel	2.9	3.7	4.5	5.3	6.1	7.0		
bank		Hdg	236	232	236	239	234	231		
m left	268	Vel	3.4	3.3	3.4	3.4	2.4	1.1	btm	
Distance from left bank (feet)		Dpth Vel	2.9	3.7	4.5	5.3	6.1	7.0		
Dist		над	222	221	223	223	229	217		
	239	Vel	4.7	4.6	4.3	3.5	2.3	1.5	btm	
		Dpth vel	2.9	3.7	4.5	5.3	6.1	7.0	7.9	
		над	237	239	238	236	240	245	248	
	209	Vel	4.5	4.4	4.2	4.3	3.5	1.9	1.3	btm
		Dpth Vel	2.9	3.7	4.5	5.3	6.1	7.0	7.8	

Table 56.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 18, 1992 (1051 pst)-Continued

368       397         Vel       Hdg       Dpth       Vel       Hdg       Dp         4.3       221       2.9       3.0       225         4.0       223       3.7       1.8       231         3.8       222       4.5       0.97       250         2.9       223       5.3       0.81       283         2.1       216       5.8       btm         1.7       202       202       20       20	431							
Vel     Hdg     Dpth     Vel     Hdg       4.3     221     2.9     3.0     225       4.0     223     3.7     1.8     231       3.8     222     4.5     0.97     250       2.9     223     5.3     0.81     283       2.1     216     5.8     btm       1.7     202				459			482	
4.3 221 2.9 3.0 225 4.0 223 3.7 1.8 231 3.8 222 4.5 0.97 250 2.9 223 5.3 0.81 283 2.1 216 5.8 btm	th Vel	Над	Dpth	Vel	Hdg	Dpth	Vel	Нфд
4.0 223 3.7 1.8 231 3.8 222 4.5 0.97 250 2.9 223 5.3 0.81 283 2.1 216 5.8 btm 1.7 202	മ	239	2.9	0.72		2.9	1.8	
3.8 222 4.5 0.97 250 2.9 223 5.3 0.81 283 2.1 216 5.8 btm 1.7 202	3.7 0.80	226	3.7	09.0	221	3.7	1.6	232
2.9 223 5.3 0.81 2.1 216 5.8 btm 1.7 202	6 bt		4.5	0.51		4.5	1.5	
2.1 216 5.8 1.7 202			5.3	0.44		5.3	1.3	
1.7			6.1	0.37		6.1	0.98	
			7.0	0.48		7.0	1.0	
8.3 btm			7.8	0.59		7.8	0.95	
			9.8	0.51		8.6	0.46	
			9.4	0.46			btm	
			10.2	0.53				
			11.8	btm				

Table 57.-Velocity profiles for Lower Granite Reservoir at Snake River mile 148.09 on March 19, 1992 (0550 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	53			84			122		F7	154			189	
Dpth	Dpth Vel Hdg	Ндд	Dpth	Vel	над	Dpth	Vel	Ндд	Dpth	vel	Ндд	Dpth	vel	Hdg
2.9	1.9	337	2.9	3.7	320	2.9	4.4	325	2.9	4.5	326	2.9	5.3	326
3.7	0.82	339	3.7	3.6	326	3.7	4.4	327	3.7	4.5	326	3.7	5.0	324
4.5	0.32	326	4.5	3.3	329	4.5	4.2	325	4.5	4.4	327	4.5	4.8	323
5.4	btm		5.3	2.9	333	5.3	4.1	324	5.3	4.4	326	5.3	4.7	323
			6.1	2.2	341	6.1	3.8	327	6.1	4.2	327	6.1	4.8	323
			7.0	0.83	336	7.0	3.4	326	7.0	4.1	323	7.0	4.3	324
			8.2	btm		7.8	2.5	330	7.8	3.5	322	7.8	4.3	325
						8.6	0	319	8.6	2.6	314	8.6	3.8	328
						10.2	btm		9.4	0.79	285	9.4	3.5	327
									10.2	0.14	119	10.2	2.1	331
										btm		11.1	1.2	323
												12.3	btm	

Table 57.-Velocity profiles for Lower Granite Reservoir at Snake River mile 148.09 on March 19, 1992 (0550 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	216			253			280			315			351	
Dpth	Vel	НФЭ	Dpth	Vel	Hdg	Dpth	Vel	над	Dpth	vel	над	Dpth	Vel	Hdg
•	6	325	2.9	& •	317	2.9	6.3	315	2.9	6.4	316	2.9	e. 9	313
3.7	5.4	325	3.7	9.9	319	3.7		317	3.7	6.4	316	3.7	6.4	312
•		325	4.5	•	318	4.5	6.1	318	4.5	6.1	315	4.5	6.3	313
		323	5.3	0.9	321	5.3	5.9	319	5.3	5.9	316	5.3	6.2	313
•		324	6.1	•	323	6.1	6.2	323	•		317	6.1	6.1	313
•		326	•		324	7.0	•	324	•	_	315	7.0	5.6	317
•	4.7	327	7.8	5.6	326	7.8	5.8	324	7.8	5.2	316	7.8	5.1	317
		324	•	•	328	8.6	•	326	•	_	313	8.6	4.6	312
•	•	323	9.4	•	326	9.4	•	326		4.3	314	9.4	3.8	319
•		311	10.2	•	319	10.2	3.7	313	10.2	2.4	291	10.2	1.2	304
•	•	303	11.1	2.0	306	11.1	0.66	343	11.1	0.83	293		btm	
11.9	0.42	326	11.9	0.29	327	11.9	0.09	30	12.1	btm				
12.8	btm			btm		12.7	btm							

Table 57.-Velocity profiles for Lower Granite Reservoir at Snake River mile 148.09 on March 19, 1992 (0550 pst)Continued

					Dist	Distance from left bank (feet)	m left	. bank	(feet)					
	378			413			445		7	471			503	
Dpth Vel	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Ндд
2.9	6.2	314	2.9	0.9	315	2.9	5.5	311	2.9	5.3	312	2.9	5.0	312
3.7	5.7	312	3.7	5.8	313	3.7	5.3	310	3.7	5.2	310	3.7	4.9	311
4.5	5.7	314	4.5	5.5	313	4.5	5.2	308	4.5	5.1	310	4.5	4.8	310
5.3	5.4	314	5.3	5.0	314	5.3	5.1	307	5.3	4.9	312	5.3	4.3	312
6.1	5.2	315	6.1	4.6	317	6.1	4.4	310	6.1	5.1	315	6.1	4.2	313
7.0	5.0	314	7.0	3.7	310	7.0	3.8	280	7.0	1.7	277	7.0	2.0	277
7.8	4.0	306	7.8	0.41	0	7.8	1.9	276	7.8	1.3	307	7.8	2.0	270
8.6	2.4	312	8.6	1.7	11	8.9	btm			btm		8.5	btm	
9.4	1.7	297	9.2	btm										
10.2	btm													

Table 57.-Velocity profiles for Lower Granite Reservoir at Snake River mile 148.09 on March 19, 1992 (0550 pst)Continued

		Ндд	102	109							
	624	Vel	0.42	0.33	otm						
		Dpth	2.9	3.7	4.5 btm						
		над	311	267	160						
	617	Vel	2.4	0.81	96.0	btm					
(feet)	9	Dpth	2.9	3.7	4.5	5.3 b					
bank		Hdg	306	311	303	259					
n left	587	Vel	3.8	3.4	2.4	0.49	btm				
Distance from left bank (feet)		Dpth	2.9	3.7	4.5	5.3					
Dista		Над	311	310	303	306	296				
	563	Vel	3.8	3.9	3.4	1.8	0.85	btm			
		Dpth Vel	2.9	3.7	4.5	5.3	6.1	7.2 1			
		ндд	315	317	316	316	312	32			
	530	Vel	4.7	4.5	4.3	4.3	2.7	0.29	btm		
		Dpth	2.9	3.7	4.5	5.3	6.1	7.0			

Table 58.-Velocity profiles for Lower Granite Reservoir at Snake River mile 145.00 on March 19, 1992 (0621 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		НФд	280	280	279	278	278	282	282	278	260	260	
	203	Vel	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.1	1.5	0.13	btm
	.,	Dpth	2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6	9.4	10.2	
		Нфд	280	277	279	281	280	282	283	265	315		
	170	Vel	3.5	3.2	3.3	3.0	3.1	2.8	2.9	1.5	0.05	btm	
(feet)	П	Dpth	2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6	9.4	10.5 P	
bank		Hdg	276	279	277	283	278	271	270	258			
m left	138	Vel	2.8	2.9	2.7	2.7	2.4	1.9	1.1	0.91	btm		
Distance from left bank (feet)		Dpth	2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6	9.4		
Dista	,	Нфд	281	280	289	317	30						
	107	Vel	2.4	2.6	2.5	1.1	0.49	btm					
		Dpth	2.9	3.7	4.5	5.3	6.1	7.1 1					
		НФд			299								
	74	Dpth Vel	2.2	1.6	0.57	0.11	btm						
		Dpth	2.9	3.7	4.5	5.3							

Table 58.-Velocity profiles for Lower Granite Reservoir at Snake River mile 145.00 on March 19, 1992 (0621 pst)Continued

			Dist	Distance from left bank (feet)	m left	bank	(feet)					
1		435			467			501			529	
 Hdg	Dpth	Ve1	Hdg	Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	vel	Hdg
283	2.9	4.9	290	2.9	5.0	290	2.9	4.6	292	2.9		292
283	3.7	4.8	289	3.7	4.9	288	3.7	4.6	292	3.7	•	295
284	4.5	4.8	289	4.5	4.7	289	4.5	4.3	293	4.5	•	295
286	5.3	4.8	288	5.3	4.6	290	5.3	4.1	291	5.3	4.5	296
287	6.1	4.5	287	6.1	4.4	290	6.1	4.2	293	6.1	4.4	296
286	7.0	4.4	286	7.0	4.3	290	7.0	3.9	294	7.0	4.1	297
287	7.8	4.3	287	•	4.1	290	7.8	4.0	291	7.8	3.6	291
286	8.6	•	283		•	289	8.6	4.0	292	8.6	•	262
288	9.4	3.8	277	9.4	2.7	284	9.4	1.1	275	9.4	1.0	256
281	0	•	272	10.2	0.02	206	10.2	0.50	285	10.1	btm	
252	11.1	0.11	268	11.6	btm		11.1	btm				
255	2.0	btm										

Table 58.-Velocity profiles for Lower Granite Reservoir at Snake River mile 145.00 on March 19, 1992 (0621 pst)Continued

					4 s i C	Distance from left hank (feet)	] a f	4 4 4 7	(foot)					
	236			267	) 1	) 1 1 )	302			333			366	
Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	vel	Нфд
2.9	4.2	282	2.9	4.4	285	2.9	4.9	282	2.9	4.8	284	2.9	4.7	288
3.7	4.1	282	3.7	4.3	286	3.7	4.9	282	3.7	4.9	284	3.7	4.6	289
4.5	4.0	283	4.5	4.2	285	4.5	4.7	283	4.5	4.6	283	4.5	4.4	288
	4.0	283	5.3	4.0	283	5.3	4.6	283	5.3	4.4	285	5.3	4.3	289
	4.0	284	6.1		284	6.1	4.5	280	6.1	4.1	284	6.1	4.2	285
7.0	3.8	284	7.0	3.8	286	7.0	4.4	280	7.0	4.1	281	7.0		286
	3.6	283	7.8	3.7	290	7.8	•	280	7.8	4.1	282	7.8	4.1	283
8.6	•	284	8.6	•	287		т т	279	8.6	3.8	284	8.6		284
9.4	•	283	9.4	•	282	9.4	ω.	282	9.4	3.6	282	9.4		281
•	•	277	10.2	2.9	283	10.2	2.5	270	10.2	2.9	284	10.2		284
11.1	•	303	11.1	•	277	11.1	0.18	178	11.1	1.1	270	11.1	•	282
11.9	0.32	281	11.9	•	267	12.5	btm		11.9	0.34	222	11.9	0.89	262
12.6	btm		12.7	0.29	174				12.6	btm		12.9 k	btm	
			13.3	btm										

Table 58.-Velocity profiles for Lower Granite Reservoir at Snake River mile 145.00 on March 19, 1992 (0621 pst)Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	568			598			630			662			692	
Dpth	Vel	ндд	Dpth	th Vel	Hdg	Dpth	Vel	ндд	Dpth	Vel	над	Dpth	Vel	Hdg
2.9	4.3	300	2.9	4.2	297	2.9	3.5	301	2.9	3.1	312	2.9	2.6	311
3.7	3.9	297	3.7	4.0	298	3.7	3.3	300	3.7	2.9	308	3.7	2.7	313
4.5	4.0	294	4.5	3.8	300	4.5	3.0	301	4.5	2.7	312	4.5	0.79	333
5.3	3.9	298	5.3	3.6	298	5.3	3.0	300	5.3	1.4	331	5.3	0.04	112
6.1	3.8	296	6.1	3.3	287	6.1	0.89	15	6.1	0.23	140		btm	
7.0	3.2	292	7.0	1.2	274	7.0	0.48	131		btm				
7.8	0.69	338	7.8	1.2	228	7.8	btm							
9.8	0.63	105	8.4	btm										
9.5	btm													

Table 58.-Velocity profiles for Lower Granite Reservoir at Snake River mile 145.00 on March 19, 1992 (0621 pst)-Continued

		ндд	
		Vel	
		Dpth	
		Над	342
	793	Vel	0.49 342 btm
(feet)		Dpth Vel	0 E
bank		ндд	7 7 8 8 8 8 8 8 8 9 8 8 9 8 8 9 9 9 9 9
n left	784	Vel	1.3 1.1 0.70 0.46 btm
Distance from left bank (feet)		Dpth	2.2.4.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2
Dista	ł	ндд	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	755	Vel	1.6 1.6 1.4 1.1 0.30 btm
		Dpth	2.28 4 3.7 4 5.5 7 7 6 5.3 5 7 5 9 5 9 5 9 9 9 9 9 9 9 9 9 9 9 9 9
		Ндд	309 318 162
	724	Vel	2.1 1.7 0.04 btm
		Dpth Vel	2.8 4.0 2.7.7 7.7

Table 59.-Velocity profiles for Lower Granite Reservoir at Snake River mile 142.00 on March 19, 1992 (0709 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

					Distance		m righ	t bank	from right bank (feet)					
	51			84			120		• 1	152			185	
Dpth	Vel	Нфд	Dpth	Vel	ндд	Dpth	Vel	Нфд	Dpth	Vel	ндд	Dpth	Vel	Ндд
•	•	278	2.9	3.4	270	2.9	4.0	272	2.9	4.8	274	2.9	4.0	_
•	•	279	3.7	3.3	270	3.7	4.0	272	3.7	4.4	275	3.7	4.1	7
4.5	2.7	278	4.5	3.3	267	4.5	3.9	272	4.5	4.5	275	4.5	4.0	278
•	•	278	5.3	3.3	271	5.3	•	274	5.3	4.4	275	•	3.8	279
•	•	277	6.1	3.1	270	6.1	3.8	274	6.1	4.1	282	6.1	3.7	280
•	•	278	7.0	3.1	269	7.0	•	273	•	4.2	281	•	3.7	277
	•	280	7.8	5.9	273	•	3.8	271	•	4.2	281	7.8	3.5	278
•	•	260	8.6	•	275	8.6	3.6	274	8.6	4.0	281	•	•	277
11.6	btm		9.4	2.8	269	9.4		274	9.4	3.6	281	9.4	•	278
			0	5.6	267	10.2	3.3	272	10.2	3.2	281	10.2	2.9	277
			Н	•	266	11.1	•	275	Η.	2.8	281	11.1	•	278
			11.9	•	261	11.9	2.3	272	11.9	5.6	281	11.9	5.6	281
			0	•	259	12.7	2.0	250	•	1.9	301	12.7	1.5	284
			3	1.6	273	13.5	0.65	259	13.5	0.65	274	13.5	•	277
			14.3	•	249	14.3	0.41	358	4.	0.10	248	14.3	0.35	250
			6.1	btm		15.2	btm		15.2	btm		14.8	btm	

Table 59.-Velocity profiles for Lower Granite Reservoir at Snake River mile 142.00 on March 19, 1992 (0709 pst)Continued

from right bank (feet) 284	dg Dpth Vel Hdg Dpth Vel Hdg	2.9 4.0 272 2.9 5.0	3.7 3.9 271 3.	4.5 4.0 270 4.5 4.7	5.3 3.8 273 5.3 4.5	6.1 3.9 271 6.1 4.3	7.0 4.0 271 7.0 4.5	7.8 3.8 274 7.8 4.6	8.6 3.8 276 8.6 4.4	9.4 3.7 281 9.4 4.4	10.2 3.7 280 10.2 4.3	11.1 3.2 270 11.1 3.1	11.9 2.4 269 11.9 1.7	12.7 1.8 269 12.7 1.3	1.0	14.4 btm
34		•	•	•	•	•	•	•	•	•	•	•	•	•	6.	
	Dpt	7	m	4	Ŋ	9	7	7	80	თ	10	11	11	12		
	Hdg	272	271	270	273	271	271	274	276	281	280	270	269	269	231	
317	Vel	•	•	•	•	•	•	•	•	•	•	•	•	•	•	btm
	Dpth	•	•	•	•	6.1	7.0	7.8	8.6	9.4	10.2	11.1	11.9	$^{\circ}$	13.5	4.
t bank	Hdg	272	273	273	274	270	268	265	267	267	264	266	259	261		
m righ	Vel	4.4	4.1	4.1	•	3.7	•	3,3	•	•	•	2.1	0.98	0.59	btm	
Distance fro	Dpth	2.9	3.7	•		•	•	7.8	8.6	•	•	11.1	•	12.7	14.1	
Dist	Ндд	271	270	268	273	276	276	276	278	280	281	284	280	303	37	
251	Vel	3.8	3.8	•		•	3.7	•	2.9	•	•	2.5	٠	0.36	0.41	btm
	Dpth	2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6	9.4	0	11.1	$\vdash$	$\alpha$	ന	4.2
	Hdg	273	275	273	276	276	275	274	275	275	274	277	299	305	90	
218	Vel	4.3	4.4	4.3	4.4	4.1		3.6	•	•	•	3.0	1.6	.5	0.46	btm
	Dpth	•	3.7	•	•	•	•	7.8	•	•	ö	11.1	⊢.	•	13.5	

Table 59.-Velocity profiles for Lower Granite Reservoir at Snake River mile 142.00 on March 19, 1992 (0709 pst)Continued

512	3	Dpth Vel Hdg	.9 3.1		4.5 2.8 274		1.0	7.0 0.19 313	•	8.3 btm							
		Hdg Dr	273	275	274	276	279	281	277	302	276						
474	F .	Vel	3.5	3.3	•	2.8	•	2.8	1.5	1.0	0.75	btm					
		Dpth	2.9	3.7	4.5	5.3			7.8	•	9.4	8.6					
t bank		Hdg	269	270	270	269	270	271	269	270	289	285	228				
m righ	r	Vel	4.1	4.3	4.1	3.9	3.8	3.5	3.2	2.8	2.5	0.91	0.49	btm			
Distance from right bank (feet)		Dpth	2.9	3.7	4.5	5.3	6.1	7.0	7.8	•	9.4	10.2	•	11.8			
Dist		над	268	271	271	272	271	272	277	277	270	269	285				
409		Vel	4.5	4.6	4.6	4.1	4.1	4.2	4.2	4.0	3.5	3.3	0.56	btm			
		Dpth	2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6	9.4	10.2	11.1	2.6			
		Hdg	275	277	276	276	276	275	272	275	273	277	291	286	236		
α		Vel	4.9		4.8			4.1		3.7				1.0	0.97	btm	
		Dpth	•	•	•	•	•	7.0	•	•	•	ö	•	•	12.7	4.	

Table 59.-Velocity profiles for Lower Granite Reservoir at Snake River mile 142.00 on March 19, 1992 (0709 pst)Continued

		Vel Hdg Dpth Vel Hdg							
Distance from right bank (feet)		Dpth							
nt ban		над							
om rigl		Vel							
ance fro		Dpth Vel							
Dist		Hdg	258	262	265	202			
	564	Vel	2.5	2.3	1.2	0.44	btm		
		Dpth	2.9	3.7		5.3	۳.		
		Hdg	273	273	272	270	292		
	542	Vel	5.6	2.5	2.5	1.8	0.18	btm	
		Dpth	2.9	3.7	4.5	5.3	6.1		

Table 60.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

	2	Vel Hdg	0.85 324	0.89 331	0.87 331		79	.86	0.80 324	.70			0.38 329	0.17 325	Ħ
	172	Dpth	3.3	4.9			ω.		.1		16.4		.7		23.1 btm
		Ндд	326	330	337	336	332	338	332	331	331	က			
	141	Vel	0.77	0.71	0.70	0.64	0.60	0.59	0.55	0.56	0.57	0.39	btm		
(feet)	H	Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4	18.0	20.7 b		
bank		Ндд	316	320	325	316	324	324	357	39					
n left	110	Vel	09.0	•	09.0	0.59	0.62	0.48	0.54	0.64	btm				
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.4 b				
Dista		Ндд			320	334	24								
	77	Vel	0.47	0.39	0.30	0.24	0.31	btm							
		Dpth	3.3	4.9	9.9	8.2	8.6								
		ндд		59											
	50		0.10	0.02	otm										
		Dpth Vel	3.3	4.9	7.5 1										

Table 60.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)-Continued

		ндд		324	318	320	319	322	325	322	325	324	323	326	326	335	327	263	
	336	ve1	1.1	1.1	1.2	1.2	1.2	1.1	•	1.1	σ.	•	∞.	σ.	•	0.81	•	0.09	btm
		Dpth	3.3	4.9	•	8.2	•	•	13.1	•	16.4	ω	19.7	Н	23.0	4	26.2	7	9.
		НФВ	327	324	325	328	327	327	327	329	331	330	327	333	325	327	316	54	
	302	Vel	1.1	1.0	1.1	1.0	1.0	1.0	1.0	•	•	•	0.78	•	0.81	0.71	0.54	0.12	btm
(feet)	E	Dpth	3.3	4.9	•	8.2	9.8	H.	13.1	14.8	9	ω	19.7	$\vdash$	3	4	9	27.9	9.1
bank		НФд	322	323	325	330	326	334	332	331	326	325	334	329	322	328		140	
from left bank (feet)	274	Vel	0.93	0.97	0.97	1.1	1.0	0.94	1.1	•	0.87	0.84	0.89	0.81	0.81	0.76	0.58	0.05	btm
		Dpth	3.3	4.9	•	8.2	•	11.5	13.1	•	•	18.0	19.7	21.3	23.0	24.6	26.2	27.9	۲.
 Distance		над	320	327	323	325	325	322	328	332	332	328	330	323	323	327	34	284	
	239	vel	0.96	•	•	0.91	•	0.89	•	0.93	0.86	0.78	0.81	0.71	0.65	0.54	0.21	0.16	btm
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	9	φ.	19.7	Η.	23.0	•	•	27.9	28.5
		Hdg	323	325	326	331	332	327	329	329	326	325	325	338	324	9			
	205	Vel	•	•		•	•	0.90	•	•	•	•	•	•	•	•	btm		
		Dpth	•	•	•	•	•	11.5	ω.	•	9	ω	о О	Ϋ.	Э.	4.	6.3		

Table 60.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)Continued

		НФд	323	320	320	328	318	322	326	327	320	326	327	315	11	321			
	501	Ve1	1.1	1.1	1.2	0.99	•	•	•	•	•	•	•	0.70	•	0.18	btm		
		Dpth	3.3	4.9		8.2	8.6	Н	13.1	4	9	ω	6	21.3	3	4	24.9		
		Нфд	316	316	312	321	325	324	321	316	312	313	312	333	13				
	472	Vel	0.92	0.88	•	96.0	•	0.88	•	•	•	0.86	•	09.0	•	btm			
feet)	4	Dpth	3.3			8.2	8.6	Н	$^{\circ}$	4	9	$\infty$	6	21.3	3	4.6			
oank (		Нфд	$\vdash$	322	2	Н	320	2	2	2	Н	$\vdash$	Н	Н	2	2			
from left bank (feet)	435	Vel	0.78	0.64	0.74	0.76	0.73	0.81	0.71	0.61	•	0.62	0.67	0.77	0.55	0.19	btm		
nce from		Dpth	3.3	4.9	9.9	8.2	9.6	Н	S	4	9	ω	ത	21.3	3	4	9.9		
Distance		Нфд	316	328	323	319	325	327	323	320	320	315	311	311	318	335	48		
	401	vel	0.83	0.84	0.84	0.76	•	0.71	•	0.72	•	0.71	0.70	0.79	•	0.59	0.10	btm	
		Dpth	3.3	4.9	9.9	8.2	8.6	ᅼ	ω.	4	9	œ	ര	21.3	ŝ	4.	9	28.0 1	
		Hdg	322	322	321	324	327	328	325	323	327	322	318	321	324	324	50	302	
	369	Vel	•	•	•		1.1	1.0	•	•	٥.	6.	ο.	0.89	φ.	9.	٦.	۲.	btm
		Dpth	3.3	•	•	8.2	8.6	•	ж.	4.	6.	φ.	ė.	Η.	щ.	4.	6	•	8.1

Table 60.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)-Continued

Hdg 326 328 328 328 326 329 323 322 327 335 96.0 0.99 0.92 0.70 0.95 1.1 1.1 1.1 1.1 Vel 665 6.6 8.2 8. 18.0 23.0 11.5 13.1 14.8 16.4 19.7 Dpth Hdg 323 327 320 321 325 323 328 328 325 324 320 321 339 0.82 0.95 0.99 0.91 0.97 1.0 1.0 1.0 Vel 635 9.8 11.5 18.0 14.8 16.4 21.3 13.1 Dpth Distance from left bank (feet) Hdg 320 326 312 328 320 325 323 323 313 323 317 0.78 0.75 0.90 0.98 0.87 0.81 0.81 0.97 Vel 597 11.5 13.1 16.4 18.0 19.7 21.3 Dpth Hdg 325 326 322 323 321 323 317 324 324 323 1.1 1.0 0.99 1.0 0.92 0.80 0.81 1.0 Vel 569 E 4 6 8 9 6 6 9 6 7 8 6 11.5 13.1 14.8 16.4 18.0 19.7 21.3 Dpth 316 319 316 Hdg 313 312 319 324 315 313 319 0.79 0.99 0.93 0.85 0.83 0.78 0.78 0.91 1.0 1.0 530 Vel 8.6 8.2 11.5 18.0 14.8 16.4 19.7 13.1 Dpth

Table 60.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)-Continued

				Dista	Distance from left bank (feet)	.left	bank (	(feet)					
969			728			762			962			830	
Vel	ндд	Dpth	Vel	ндд	Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	НФЭ
3.3	$\vdash$	3,3	1.2	318	3.3	1.3	320	3.3	1.1	321	3.3	0.93	320
1.1	0	•	1.3	326	4.9	1.2	320	4.9	1.1	319	4.9	0.98	322
1.0	$^{\circ}$		•	323	9.9	1.2	324	9.9	1.0	321	9.9	1.2	331
1.0	Н	8.2	1.2	326	8.2	1.0	320	8.2	1.0	318	•	•	324
•	0		1.2	322	8.6	1.2	320	9.8	1.1	320	8°.	•	324
•	319	H.	1.1	326	11.5	1.3	322	11.5	0.99	325	11.5	•	328
•	0	3	•	319	13.1	1.2	323	13.1	0.93	327	13.1	0.83	326
•	Н	14.8	1.1	321	14.8	1.1	321	14.8	0.91	330	14.8	0.70	328
0.97	$^{\prime\prime}$	9	0.96	319	16.4	1.2	322	16.4	0.79	324	16.4	0.82	325
0.93	314	18.0	1.1	319	18.0	1.0	325	18.0	0.75	321	18.0	0.72	320
0.84	314	19.7	1.0		19.7	1.1	322	19.7	0.63	318	19.7	0.66	319
0.55	296	Н	0.77		21.3	0.91	325	21.3	0.16	316	21.3	0.17	11
0.20	302	3	0.33	310	23.0	0.18	296	23.0	0.03	203	23.0	0.09	192
btm		4.8	btm		24.5 1	btm		24.1	btm		24.0	btm	

Table 60.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)Continued

3.3 1.2 4.9 1.2 6.6 1.1 8.2 1.1 1.1 11.5 1.1 1.1 1.1 1.1 1.1 1.1 1.
8.1.8 8.1.8 8.1.8

Table 60.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)-Continued

				Ğ	Distance	from le	eft ba	from left bank (feet)	<u> </u>				
022	1		1,055			1,089			1,121			1,154	
ř	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
	N		0.82	311	3,3	0.69	N	3.3	6.	321	3.3	0.74	~
	2	•	0.69	N	•	.7	ß	•	•	314	4.9	∞.	$^{\circ}$
7	335	9.9	•	327	9.9	0.68	334	9.9	6.	321	9.9	0.82	326
	N		. 7	N	8.2	0.75	N	8.2	•	318	8.2	0.81	3
	2	•	0.85	3	•	.7	$^{\circ}$	•	φ.	Н	8.6	۲.	3
_	B	•	φ.	S	Η.	. 7	2	ij	ω.	N	$\vdash$	۲.	N
~	2	ω,	. 7	2	ω.	. 7	$^{\circ}$	е Э	06.0	7	3	0.79	3
~	$\omega$	4	0.75	N	4.	ω.	N	4.	σ.	Н	4	۲.	ß
	$\omega$	9	0.65	N	9	. 7	B	9	ω.	N	9	.7	3
~	2	•	0.79	S	•	0.75	N	•	0.95	Н	18.0	0.75	N
_4	2	9	0.73	N	о О	. 7	$^{\circ}$	6	۲.	N	g	0.63	N
	3	Η.	0.26	$\vdash$	ij.	0.41	N	ij	∞.	2	$\vdash$	0.66	N
^1	6	4.	btm		3	0.15	0	æ,	. 7	$^{\circ}$	3	•	$^{\circ}$
					4.6	btm		4.	0.54	Н	4	0.57	Н
								9	2	5	9	0.10	$^{\circ}$
								7.5	btm		7	0.14	Ω
											ω	btm	

Table 60.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)Continued

					Distar	Distance from left bank (feet)	left ]	oank (	(feet)					
	1,186			1,217			1,259		••	1,290			1,319	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3.3	.7	323	3.3	•	324	3.3	0.40		3.3	ω.	343	3.3	0.09	294
4.9	0.76	329	4.9	0.72	318	4.9	0.50	326	4.9	0.29	355	4.9	0.13	299
9.9	9.	330	9.9	0.72	325	9.9		316	•	•	314	9.9	0.12	358
8.2	٠.	322	8.2	•	324	8.2	0.36	335	•	ω.	340	•	0.18	312
9.8	7.	327	9.6	0.72	326	8.6		343	9.8	•	340	•	0.04	52
$\vdash$	. 7	336	Н	0.64	330	11.5	0.49	333	•	0.28	350	11.5	0.12	342
$^{\circ}$	٠.	329	3	0.57	330	3	0.47	330	æ,	•	338	ω.	•	264
4	٠.	323	4	•	319	14.8	0.36	325	14.8	0.29	Н	•	0.18	310
9	٠.	321	9	0.61	315	9	0.45	336	ė.	7	10	9	•	258
ω	٠.	323	ω	0.63	309	ω	0.40	330	18.0	0.14	20	•	0.09	229
9	٠.	315	σ	0.67	317	9	0.33	325	9	0.16	351	e.	0.13	239
Н	9.	321	Н	0.56	315	Н	0.42	325	21.3	0.13	15		0.11	250
3	9.	325	3	0.49	325	3	0.32	311		0.15	35	•	btm	
4	9.	332	4	0.51	312	24.6	0.11	299	25.4	btm				
26.2	0.20	307	26.2	0.09	274	6.9	btm							
8.3	btm		7.9	btm										

Table 60.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)-Continued

1,350         1,386         1,399           Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           0.10         340         3.3         0.05         113         3.3         0.20         169           0.01         319         4.9         0.10         74         4.9         0.09         162           0.01         278         6.6         0.12         117         6.6         0.01         153           0.02         278         9.8         0.14         135         8.3         btm           0.02         164         13.7         btm           0.09         251         0.09         251           0.07         63						υį	Distance from left bank (feet)	from le	ft ba	nk (feet					
Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Vel <t< th=""><th></th><th>1,350</th><th></th><th></th><th>1,386</th><th></th><th></th><th>1,399</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>		1,350			1,386			1,399							
3.3 0.10 340 3.3 0.05 113 3.3 0.20 4.9 0.14 319 4.9 0.10 74 4.9 0.09 6.6 0.09 278 6.6 0.12 117 6.6 0.01 8.2 0.10 319 8.2 0.14 135 8.3 btm 9.8 0.09 278 9.8 0.17 176 1.5 0.02 164 13.7 btm 3.1 0.07 337 4.8 0.09 251 6.4 0.07 63	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3 0.10 340 3.3 0.05 113 3.3 0.20 9 0.14 319 4.9 0.10 74 4.9 0.09 6 0.09 278 6.6 0.12 117 6.6 0.01 2 0.10 319 8.2 0.14 135 8.3 btm 5 0.09 278 9.8 0.17 176 5 0.02 164 13.7 btm 1 0.07 337 8 0.09 251 7 btm															
4.9 0.14 319 4.9 0.10 74 4.9 0.09 6.6 0.09 278 6.6 0.12 117 6.6 0.01 8.2 0.10 319 8.2 0.14 135 8.3 btm 9.8 0.09 278 9.8 0.17 176 1.5 0.02 164 13.7 btm 3.1 0.07 337 4.8 0.09 251 6.4 0.07 63	3.3	0.10		3.3	0.05	113	3.3		169						
6.6 0.09 278 6.6 0.12 117 6.6 0.01 8.2 0.10 319 8.2 0.14 135 8.3 btm 9.8 0.09 278 9.8 0.17 176 1.5 0.02 164 13.7 btm 3.1 0.07 337 4.8 0.09 251 6.4 0.07 63 0.7 btm	•	0.14		4.9	0.10	74	4.9		162						
8.2 0.10 319 8.2 0.14 135 8.3 9.8 0.09 278 9.8 0.17 176 1.5 0.02 164 13.7 btm 3.1 0.07 337 4.8 0.09 251 6.4 0.07 63 0.7 btm	9.9	0.09		9.9	0.12	117	9.9		153						
9.8 0.09 278 9.8 0.17 1.5 0.02 164 13.7 btm 3.1 0.07 337 4.8 0.09 251 6.4 0.07 63 0.7 btm	8.2	0.10		8.2	0.14	135	8.3	btm							
1.5 0.02 164 13.7 3.1 0.07 337 4.8 0.09 251 6.4 0.07 63 0.7 btm	8.6	0.09		8.6	0.17	176									
3.1 0.07 4.8 0.09 6.4 0.07 0.7 btm	Η.	0.02		3.7	btm										
4.8 0.09 6.4 0.07 0.7 btm	ω.	0.07													
6.4 0.07 0.7 btm	4.	0.09	251												
0.7	9	0.07	63												
	7.0	btm													

Table 61.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		над	347	345	347	345	345	344	343	326	
	184	Vel	2.5	2.4	2.3	2.2	2.1	2.0	1.4	0.39	btm
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	
		Нфд	351	354	355	354	350	351	351	78	
	157	Vel	2.2	2.2	2.1	2.2	2.0	1.8	1.3	0.25	btm
(feet)	-	Dpth	3.3	4.9	9.9	8.2	8.6	11.5	13.1	14.8	16.7
bank		НФЗ	355	356	353	352	353	354	ო		
m left	129	Vel	2.4	2.3	2.2	2.0	1.8	1.3	0.25	btm	
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	9.6	11.5	13.1	14.9	
Dista		Нфд	336	332	325	324	350				
	93	Vel	1.4	1.3	1.3	0.86	0.34	btm			
		ťЪ	3.3	4.9	9.9	8.2	8.6	11.7			
		Нфд		251							
	61	Dpth Vel Hdg Dp	3.3 0.29	0.21	0.07	btm					
		Dpth	3.3	4.9	9.9	8.3					

Table 61.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)Continued

				Dist	Distance from left bank (feet)	m left	4	(בפבר)					
			249			283		`,	315			349	
Vel	Ндд	Dpth	Vel	над	Dpth	Vel	Нфд	Dpth	Vel	над	Dpth	Vel	Hdg
4	348		2.5	347	3.3	1.8	327	3.3	1.4	323	3.3	1.7	338
က	349	4.9	2.4	343	4.9	2.0	325	4.9	1.5	330	4.9	1.7	333
7	348		2.4	341	9.9	2.0	329	9.9	1.5	327	9.9	1.6	335
7	344	8.2	2.4	340	8.2	2.1	333	8.2	1.4	327	8.2	1.6	335
0	343	9.8	2.4	341	9.6	2.2	332	8.6	1.5	326	9.8	1.5	334
0	341		2.3	336	11.5	2.2	332	11.5	1.4	333	11.5	1.3	332
1.7	342	13.1	2.2	334	13.1	1.9	329	13.1	0.85	338	13.1	0.61	348
84	347	14.8	0.37	327	14.8	0.14	30	14.8	0.18	146		btm	
17	160	φ.	btm			btm			btm				

Table 61.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)Continued

		Ндд		7			6 352		
	508	Vel			2.1	2.2	0.96		btm
		Dpth	3,3	4.9	9.9	8.2	9.8	11.5	12.4
		Hdg	17				349		
	485	Vel	2.0	2.0	2.2	1.9	1.4	0.14	btm
(feet)		Dpth	3.3	4.9	9.9	8.2	9.6	11.5	
bank		Ндд	18	12	10	358	351	343	
m left	451	Vel	2.0	1.8	1.7	1.5	1.6	0.44	btm
Distance from left bank (feet)		Dpth	3,3	4.9	9.9	8.2	8.6	11.5	13.4
Dist		ндд	10	12	10	358	349	56	
	418	Vel		1.8	1.6	1.4	0.68	0.01	btm
		Dpth	3.3	4.9		8.2		11.5	12.5
		Над	9	7	355	345	337	353	
	377	Vel	1.7	1.5	1.5		1.3		btm
		Dpth Vel	3.3	4.9	9.9	8.2	8.6	11.5	13.6 1

Table 61.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)Continued

Distance from left bank (feet)	613 643 674	Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	3.3 2.0 345 3.3 1.9 345 3.3 1.9	348 4.9 1.7 346 4.9 1.7 348 4.9 1.9 346	6.6 1.5 341 6.6 1.7 352 6.6 1.9	8.2 1.3 335 8.2 1.5 352 8.2 1.7	9.8 1.0 345 9.8 1.4 349 9.8 1.2	11.5 0.08 39 11.5 0.23 342 11.5 0.19	13.6 btm 13.7 btm 13.5 btm
ank (feet)									۳.
com left ba	613	Vel	2.0	1.7	1.5	1.3	1.0	0.08	¥ +
istance fr									13.6
Ω	583	Vel н	0.0	1.9	2.0	1.6	0.37	0.29	¥
		Dpth	e. e	4.		80	8.6	11.5	100
	541	Vel Hdg		2.0 351				btm	
		Dpth Vel		4.9				11.9 b	

Table 61.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	713			742			772		~	809		_	835	
Dpth Vel	Vel	Ндд	Dpth Vel	Vel	Нфд	Dpth	vel	Ндд	Dpth	Vel	Нфд	Dpth	Vel	Нфд
4					!	,				,		,		,
3,3			ო. ო		347	e. 8	2.0	341	e, e	2.2		3.3	2.0	336
4.9			4.9		347	4.9	1.9	340	4.9	2.0		4.9	1.8	334
9.9				1.9	347	9.9	1.9	342	9.9	2.0		9.9	1.8	336
8.2			8.2	1.7	339	8.2	1.5	340	8.2	1.9		8.2	1.6	339
8.6	0.52	328	8.6	0.10	141	ω. Θ	0.14		8.6	0.90	348	9.8	0.62	340
11.5			11.8	btm		11.9	btm		11.5	90.0	297	11.5	0.20	189
12.3	btm								12.3	btm		12.3	btm	

Table 61.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)Continued

	2	Hdg			4 353				
	1,002	Vel			1.4			btm	
		Dpth	3.3	4.9	9.9	8.2	8.6	12.1	
		ндд			347				
	972	Vel	1.7						btm
(feet)		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	12.3
bank		Hdg			340				
m left	942	Vel			1.6				btm
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	12.2
Dist		ндд	345	347	346	344	340	53	
	902	Vel	1.9	1.8	1.8	1.6	0.78	0.07	btm
		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	12.5
		ндд	343	343	345	342	340	168	
	873	Dpth Vel	1.8	1.8	1.6	1.5	1.1	0.12	btm
		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	12.7

Table 61.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)Continued

feet) 1,138 1,167	Dpth vel Hdg Dpth vel Hdg	7 2 2 2 2 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1	4.9 1.5 348 4.9 1.7 343	1.4 346 6.6 1.6	1.4 343 8.2 1.6	1.4 342 9.8 1.5	1.3 340 11.5 1.5	0.94 333 13.1 0.65	0.09 107 14.8 0.10	16.4 btm 15.6 btm
Distance from left bank (feet)	Dpth Vel Hdg		4.9 1.5 350		1.6	1.6	1.5	1.4	14.8 0.11 351	16.7 btm
Dista 1,070	Dpth vel Hdg		4.9 1.2 340	.6 1.1	.2 1.1	.8 1.2	11.5 1.1 339	.1 0.86	90.0 8.	16.3 btm
1,041	Dpth Vel Hdg	-	4.9 1.1 347	1.0	1.1	1.1	0.69	0.23	0.14	15.0 btm

Table 61.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)Continued

1,226	1,226	1,226	1,226	1,226
Vel Hdg Dpth	h Vel Hdg	Vel Hdg	h Vel Hdg	Vel Hdg
1.2 332	.3 1.2	.3 1.2	.3 1.2	1.2
1.2 330	.9 1.2	.9 1.2	.9 1.2	1.2
1.1 332	.6 1.1	.6 1.1	.6 1.1	1.1
1.0 330	.2 1.0	1.0	.2 1.0	1.0
	.8 0.82	.8 0.82	.8 0.82	0.82
0.17 340	.5 0.17	.5 0.17	.5 0.17	0.17
tm	.2 btm		٧.	

Table 62.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 17, 1992, left channel, (1100 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

					Left	Left channel distance from left bank (feet)	dista	ince fr	om left	bank	(feet)			
	38			61			94			130			149	
Dpth	Vel	Над	Dpth Vel		ндд	Dpth Vel	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Над
3.3	2.7	128	3.3	3.9	359			329	3.3	3.3 10.9	328	3.3	0.6	325
3.9	3.9 btm		4.9	2.1	357	4.9	7.1	329	4.9	9.1	327	4.9	7.8	322
			9.9	0.61	329			343	9.9	8.1	332	9.9	8.1	328
			7.1	btm		8.61	btm		8.2	6.7	331	8.2	9.4	324
									9.8	7.1	332	9.6	9.7	321
									12.1	btm		11.5	6.6	313
													btm	

Table 62.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 17, 1992, left channel (1100 pst)-Continued

		Hdg	4 282							
	281	Vel	0.34	0.2	btm					
		Dpth	3.3	4.9	9.9					
(feet)		Hdg	315	322	327	324	323	343		
bank	271	Vel	4.6	4.6	4.6	4.5	3.6	1.1	btm	
Left channel distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	12.8	
nce fr		Над	321	323	324	327	327	323		
dista	247	Vel	11.2	10.9	10.3	9.3	7.8	8.6	btm	
channel		Dpth	3.3	4.9	9.9	8.2	8.6	11.5	14.1	
Left		Hdg	325	332	333	326	324	307	309	
	219	th Vel	12.3	11.1	10.0	8.7	7.9	9.9	7.8	btm
		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	14.5
		Нфд	330	329	328	328	323	318	323	
	188	Vel	12.6	12.0	11.2	10.6	9.5	8.5	10.9	btm
		Dpth Vel	3.3	4.9	9.9	8.2	9.8	11.5	13.1	15.0

Table 62.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 17, 1992, right channel, (1111 pst)-Continued

		Ндд	323	285	285	
	177	Vel	2.7	0.42	0.76	otm
		Dpth	2.9	3.7	4.5	5.1 btm
(feet)		Ндд	324	342	168	
bank	150	Vel	5.6	0.82	0.26	tm
Right channel distance from left bank (feet)	ri	Dpth	2.9	3.7	4.5	5.5 btm
ince f		Ндд	315	144	183	
l dista	114	Vel	1.4	7 0.27	0.12	tm
channe		Dpth	2.9	3.7	4.5	5.1 btm
Right		Ндд	306			
	86	Vel	2.9 0.11 306	otm		
		Hdg Dpth Vel	2.9	3.8 btm		
	טי	Hdg	1			
	Island	Dpth Vel	0			
		Dpth	0			

Table 62.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 17, 1992, right channel, (1111 pst)-Continued

		Hdg	
		Vel	
		Dpth Vel	
(feet)		Hdg	
t bank		Vel	
Right channel distance from left bank (feet)		Hdg Dpth Vel Hdg	
ance f		над	319 317 325 280
1 dist	275	Vel	3.2 2.3 0.78 0.64
channe		Hdg Dpth Vel	0.03 7.4 6.0.0
Right		Нфд	303 2299 329
	243	Vel	3.3 2.2 0.31 otm
		Dpth Vel	2.9 3 3.7 2 4.5 0 5.6 btm
		над	314 333
	211	Vel	1.9 1.9 0.38 btm
		Dpth Vel Hdg	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

Table 63.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on February 25, 1992 (0946 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Ндд	294	292	289	289	290	289	290	291	337	
	231	Vel	0.99	1.1	1.1	1.1	0.98	0.95	0.93	0.84	0.49	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	
		Ндд	292	289	289	288	284	289				
	205	Vel	0.79	0.82	0.81	0.74	0.78	0.68	btm			
(feet)	8	Dpth	4.1	7.4	10.7	13.9	17.2	20.5				
bank		Ндд	286	283	283	289						
n left	171	Vel	0.68	0.62	0.59	0.33	btm					
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9						
Dista		Над	279	281	290							
	141	Vel	0.61	09.0	0.19	btm						
		Dpth vel	4.1	7.4	10.7							
		ндд	242	232								
	115	Vel	0.29	0.20	t m							
		Dpth Vel	4.1	7.4	8.4 btm							

Table 63.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on February 25, 1992 (0946 pst)-Continued

		Hdg	298	301	299	298	296	294	293	292	294	29	7 296	1	
6	384	Vel	1.4	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.2	•	0.87	0.14	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	40.2	43.5
		Hdg	296	294	294	296	295	294	292	290	287	288	291	15	
! !	357	Vel	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	•	0.67	0.04	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	40.2	41.9
bank		Hdg	294	296	297	295	294	290	289	287	285	282	276		
m left	323	Vel	1.2	1.2	1.1	1.0	1.0	1.1	1.0	1.0	1.1	0.93	0.36	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	40.7	
Dist		Ндд	290	291	290	290	287	288	286	288	285	290	270		
(	293	vel	1.3	1.3	1.2	1.2	1.2	1.1	1.0	1.0	0.97	0.86	0.13	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9		
		Нфд	296	297	296	293	293	290	289	290	290	298	29		
! (	265	Vel	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.0	0.98	0.56	0.37	btm	
		Dpth	4.1	7.4	10.7		17.2	•		•	•	•	•	Η.	

Table 63.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on February 25, 1992 (0946 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	420			456			483			520			549	
Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд
4.1	1.4	289	4.1	1.2	286	4.1	1.1	291	4.1	1.1	295	4.1	1.2	294
7.4	1.4	293	7.4	1.1	284	7.4	1.1	290	7.4	1.2	295	7.4	1.1	294
10.7	1.3	295	10.7	1.0	283	10.7	1.1	290	10.7	1.1	296	10.7	1.1	293
•	1.4	294	13.9	1.0	287	13.9	1.1	291	13.9	1.1	292	13.9	1.1	297
17.2	1.4	290	17.2	1.1	286	17.2	1.1	291	17.2	1.1	290	17.2	1.0	293
•	1.3	291	20.5	1.1	290	20.5	1.1	290	20.5	1.0	289	20.5	1.1	291
•	1.3	287	23.8	1.0	294	23.8	1.2	296	23.8	0.98	286	23.8	1.0	N
	1.3	290	27.1	1.0	290	27.1	1.1		27.1	0.95		27.1	0.89	~
30.3	1.3	290	30.3	0.98	289	30.3	0.99		30.3	0.91		30.3	0.81	
	1.2	293	33.6	0.94	292	33.6	0.81			0.64	292	33.6	0.04	4
	1.0	294	36.9	0.81	300	36.9	0.27		36.9	0.04	∞	36.8	btm	
	90.0	332	40.2	0.02	33	40.2	0.12	239	38.7	btm				
43.0	btm		42.2	btm		40.7	btm							

Table 63.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on February 25, 1992 (0946 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	586			614			650			678			715	
Dpth	Vel	Hdg	Dpth	vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	vel	Hdg
4.1	1.2	300	4.1	1.2	297	4.1	1.2	293	4.1	1.1	303	4.1	4.1	296
7.4	1.1	299	7.4	1.2	292	7.4	1.1	294	7.4	1.1	299	7.4	0.97	297
10.7	1.2	298		1.2	291	10.7	1.1	295	10.7	0.99	298	10.7	0.98	295
13.9	1.2	299	13.9	1.2	292	13.9	1.0	298	13.9	0.99	294	13.9	0.99	287
17.2	1.1	300		1.2	295	17.2	1.0	295	17.2	1.0		17.2	0.96	289
20.5	1.2	300	20.5	1.0	296	20.5	96.0	293	20.5	0.99	291	20.5	0.89	291
23.8	1.0	298		1.0	295	23.8	0.87	288	23.8	0.95		23.8	0.82	289
27.1	1.0	294		0.95	290	27.1	0.86	292	27.1	0.80		27.1	0.44	301
30.3	0.83	295	30.3	0.76	298	30.3	0.50	297	30.3	0.13	348	30.3	90.0	300
33.6	0.05	28		0.05	355	33.6	90.0	329	33.4 h	btm		31.3	btm	
	btm		35.5	btm		34.7	btm							

Table 63.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on February 25, 1992 (0946 pst)-Continued

		Hdg			0.84 298	0.73 299	11 288				
	875	Vel	0.92	0	0	0	0	btm			
		Dpth	4.1	7.4	10.7	13.9	17.2	20.3			
		над	298	298	293	297	258				
	842	Vel	0.92	0.87	0.80	0.70	0.11	btm			
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.1			
bank		Над	298	301	295	293	288	257			
m left	810	Vel	0.97	0.88	0.83	0.76	0.32	0.13	btm		
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	21.2		
Dista		над	299	297	298	290	291	292	263		
	781	Vel	0.97	06.0	0.83	0.83	0.72	0.29	0.18	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8		
		Ндд	299	301	299	297	296	294	298	280	
	743	Vel	1.0	1.1	1.0	0.94	0.84	0.85	0.58	0.14	otm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	28.61

Table 63.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on February 25, 1992 (0946 pst)-Continued

		1,027	h vel Hdg	0.61	0.61	10.7 0.52 310	0.48	0.07	9.6 btm
			Hdg Dpth			292 1(			ij
		1,007	Vel			0.54	0.53		btm
	(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	
	bank		Ндд	299	302	299	295	265	
	om left	978	Vel			0.66			btm
	Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	19.7
	Dist		Hdg	304	303	304	299	286	
		942	th Vel	0.78	0.75	0.10	0.63	0.08	btm
			Dpth	4.1	7.4	10.7	13.9	17.2	19.9
			Hdg	301	299	298	300	309	
		907	Vel	0.71	0.73	99.0	09.0	0.05	btm
			Dpth	4.1	7.4	10.7	13.9	17.2	

Table 64.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 05, 1992 (0959 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg		317				31	31	31	31	31		31	31	31		
	201	Vel	2.3	2.3	2.3	2.3	2.3	•	2.2	•	2	2	2	•	1.8	1.1	9.0	btm
		Dpth	3.3	4.9		8.2			13.1		16.4	18.0	19.7				26.2	28.4
		НФЭ	317	318	317	314	315	318	318	318	319	316	312	314	311	300	22	
	165	Vel	2.1	2.1	2.0	2.2	2.0	2.0	2.1	2.1	2.0	2.0	1.9	1.9	1.7	•	0.09	btm
(feet)	, .	Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	14.8	16.4	18.0	19.7	21.3	23.0	24.6	26.2	27.3
bank		ндд	322	322	320	320	318	316	315	316	317	318	317	319	313			
m left	131	Vel	1.8	1.8	1.7	1.7	1.8	1.7	1.8	•	1.7	1.6	•	1.3	0.96	btm		
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	•	•	13.1	4.	ဖ	18.0	ത	21.3	•	. 7		
Dist		НЧЭ	319	324	324	324	322	324	327	324	327	317						
	86	Vel	1.4	1.5	1.3	1.4	1.4	•	1.3	•	•	0.72	btm					
		Dpth	3.3	4.9	9.9	•	8.6	ä	13.1	4.	6.	φ.	6.0					
		Над	305	309	311	322	328	337										
	62	Vel	•	1.1	•	•	•		btm									
		Dpth	3.3	4.9	•	8.2	•	•	6.									

Table 64.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 05, 1992 (0959 pst)Continued

	Distance from left bank (feet)		0 11 0
262	298 324	4	nco
Dpth Vel Hdg	Dpth Vel Hdg Dpth Vel	'el Hdg	lg Dpth Vel
۳.			
σ.	.3 2.3 327 3.3 2.	.3 32	4 3.3 2
9.	2.3 327 3.3 2. 2.3 326 4.9 2.	.3 32	44 3.3 2.9 4.9
.2 2.4	.3 2.3 327 3.3 2. .9 2.3 326 4.9 2. .6 2.2 325 6.6 2.	.3 32	4 3.3 2 2 4.9 2 3 6.6 1
.8 2.4 3	.3 2.3 327 3.3 2. .9 2.3 326 4.9 2. .6 2.2 325 6.6 2. .2 2.2 325 8.2 2.	.3 32 .3 32 .3 32 .3 32	4 3.3 2 3 4 9 2 3 6.6 1 8.2 1 3 8.2 1
1.5 2.3	.3 2.3 327 3.3 2. .9 2.3 326 4.9 2. .6 2.2 325 6.6 2. .2 2.2 325 8.2 2. .8 2.1 327 9.8 2.	33 32 32 32 32 32 32 32 32 32 32 32 32 3	4 2 2 8 . 3 3 6 . 6 9 .
3.1 2.2 3	3.3 2.3 327 3.3 2.4.9 2.3 326 4.9 2.66 2.2 325 6.6 2.7 8.2 2.9 325 8.2 2.9.8 2.1 327 9.8 2.1 327 11.5 2.		44 3.3 2 2 4.9 2 2 8.6 1 2 8.2 1 1 11.5 1
4.8 2.1	3.3 2.3 327 3.3 2. 4.9 2.3 326 4.9 2. 6.6 2.2 325 6.6 2. 8.2 2.2 325 8.2 2. 9.8 2.1 327 9.8 2. 1.5 2.1 327 11.5 2. 3.1 2.1 327 12.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	44 22 33 33 6.6 12 33 9.8 11 11 11 11 11 11 11 11 12 12 13 14 14 14 14 14 14 14 14 14 14 14 14 14
6.4 2.0	3.3 2.3 327 3.3 2. 4.9 2.3 326 4.9 2. 6.6 2.2 325 6.6 2. 8.2 2.2 325 8.2 2. 9.8 2.1 327 11.5 2. 1.5 2.1 327 11.5 2. 3.1 2.1 327 13.1 2. 4.8 2.2 324 14.8 2.	E. E. E. E. E. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	44 33 33 33 33 33 45 10 11 11 11 11 13 11 14 14
.0 2.0 3	3.3 2.3 327 3.3 2. 4.9 2.3 326 4.9 2. 6.6 2.2 325 6.6 2. 8.2 2.2 325 8.2 2. 9.8 2.1 327 11.5 2. 1.5 2.1 327 11.5 2. 3.1 2.1 327 13.1 2. 4.8 2.2 324 14.8 2. 6.4 2.2 324 16.4 2.	E. E. E. E. E. E. E. E. E. E. E. E. E. E	4 4 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4
9.7 2.0 3	3.3 2.3 327 3.3 2. 4.9 2.3 326 4.9 2. 6.6 2.2 325 6.6 2. 8.2 2.2 325 8.2 2. 9.8 2.1 327 11.5 2. 1.5 2.1 327 11.5 2. 3.1 2.1 327 13.1 2. 4.8 2.2 324 14.8 2. 6.4 2.2 324 16.4 2.	E. E. E. C. E. 4. 4. E. 4.  S. E.	2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
1.3 1.9 3	3.3 2.3 327 3.3 2. 6.6 2.2 326 4.9 2. 6.6 2.2 325 6.6 2. 8.2 2.2 325 8.2 2. 9.8 2.1 327 9.8 2. 1.5 2.1 327 11.5 2. 3.1 2.1 327 13.1 2. 4.8 2.2 324 14.8 2. 6.4 2.2 324 16.4 2. 8.0 2.2 323 18.0 2.	E. E. C. C. T. T. T. E.	2 2 3 3 3 3 5 6 6 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
.0 1.8 3	3.3 2.3 327 3.3 2.6 6.6 2.8 325 6.6 2.2 325 6.6 2.2 325 8.2 2.2 325 8.2 2.3 3.1 1.5 2.1 327 11.5 2.3 324 14.8 2.2 324 16.4 2.0 3.3 2.1 325 19.7 2.1 326 21.3 2.1 326 21.3 2.2	E. E. E. C. E. 4. 4. E. 4. E. C.	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
.6 1.8	3.3 2.3 327 3.3 2.6 6.6 2.8 2.2 325 6.6 2.9 3.8 2.1 327 11.5 2.1 327 11.5 2.1 327 13.1 2.1 327 13.1 2.1 324 16.4 2.0 3.0 2.1 326 21.3 2.1 326 21.3 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.2 3.0 2.1 324 23.0 2.1 325 23.0 2.1 32	E. E. E. E. E. E. E. E. E. E. E. E. E. E	44 33 33 33 33 33 44 11 11 11 11 11 11 11 11 11
.2 1.8 3	3.3 2.3 327 3.3 2.6 6.6 2.8 325 6.6 2.2 325 6.6 2.2 3.3 3.4 11.5 2.1 327 13.1 2.1 327 13.1 2.1 324 14.8 2.6 6.4 2.2 324 14.8 2.0 3.0 2.1 325 19.7 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 325 24.6 1.	E. E. E. E. E. E. E. E. E. E. E. E. E. E	4 4 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
4.	3.3 2.3 327 3.3 2. 6.6 2.2 325 6.6 2. 8.2 2.2 325 6.6 2. 9.8 2.1 327 11.5 2. 1.5 2.1 327 11.5 2. 3.1 2.1 327 12.1 2. 6.4 2.2 324 14.8 2. 6.4 2.2 324 16.4 2. 9.7 2.1 325 19.7 2. 1.3 2.1 326 21.3 2. 4.6 1.9 322 24.6 1.	E. E. E. E. E. E. E. E. E. E. E. E. E. E	4 2 2 2 2 2 3 2 2 3 3 3 3 3 3 3 4 4 4 4
29.5 0.09	3.3 2.3 327 3.3 2.3 6.6 6.6 2.3 326 4.9 2.3 326 4.9 2.3 326 6.6 2.3 325 8.2 2.2 325 8.2 2.2 325 8.2 2.3 3.1 2.1 327 11.5 2.4 4.8 2.2 324 16.4 2.3 8.0 2.1 325 19.7 2.3 3.0 2.1 326 21.3 2.2 33.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 324 23.0 2.1 317 27.9 0.9	6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6	4 4 3 3 3 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
31.1 btm	3 2.3 327 3.3 2.3 .9 2.3 326 4.9 2.3 .6 2.2 325 6.6 2.3 .8 2.1 327 11.5 2.4 .1 2.1 327 13.1 2.4 .8 2.2 324 16.4 2.3 .0 2.2 324 16.4 2.3 .1 325 19.7 2.3 .1 326 21.3 2.2 .1 326 21.3 2.2 .1 326 21.3 2.2 .2 2.1 324 23.0 2.1 .3 2.1 326 21.3 2.2 .0 2.1 324 23.0 2.1 .1 325 19.7 2.3 .2 2.1 326 21.3 2.2 .3 2.1 326 21.3 2.2 .4 317 27.9 0.9	2. 2. 2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	4 2 2 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4

Table 64.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 05, 1992 (0959 pst)Continued

		Ндд	327	324	330	328	328	324	328	325	326	330	326					
	525	Vel	1.6	1.4	1.4	1.4	1.4	1.3	1.4	1.3	1.3	1.3	1.0	0.48	btm			
		Dpth	3.3	4.9	9.9	8.2	•	•	13.1	4.	16.4	œ	19.7	21.3	3.4			
		Ндд	333	332	328	329	328	325	324	327	322	325	323	327				
	488	Vel	1.7	1.6	1.7	1.7	1.7	1.5	•	1.5	1.4	1.4	1.2	0.49	btm			
(feet)	4	Dpth	3.3	4.9	9.9	8.2	•	ä	13.1	4	9	ω	19.7	Н	4.0			
bank		Ндд	327	326	326	328	328	326	323	322	321	327	327	311	354			
n left	460	Vel	1.7	1.8	1.8	1.7	1.8	1.8	1.5	1.6	1.6	•	•	0.85	0.17	btm		
Distance from left bank (feet)		Dpth	3.3	4.9	•	8.2	•	•	13.1	14.8	16.4	ω	19.7	Н	3	4.5		
Dist		ндд	325	325	322	322	324	324	324	323	326	323	325	319	324			
	423	Vel	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.0	0.50	btm		
		Dpth	3.3	4.9	9.9	8.2	8.6	Η.		4	ဖ	18.0	19.7	21.3	3	5.6		
		Ндд	323	325	322	321	321	316	317	318	321	316	323	324	320	332	355	
	394	Vel	•	1.3	•	•	•	•	•	•		•	1.0	•	ω.	•	7	btm
		Dpth	3.3	•	•	•	•	ij.	ω.	4.	ė.	ω.	о О	Η.	ж	4.	26.2	7.6

Table 64.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 05, 1992 (0959 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	553			290			627			655			693	
Dpth	Vel	ндд	Dpth	Vel	над	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	НФд
3,3	1.7	327	3.3	1.5	326		1.5	326	3.3	1.5	324	3.3	1.2	328
4.9	1.6	325	4.9	1.4	326	4.9	1.6	323	4.9	1.5	318	4.9	1.1	320
9.9	1.6	328	9.9	1.3	325	9.9	1.5	324	9.9	1.3	321	9.9	0.64	331
8.2	1.6	327	8.2	1.4	328	•	1.5	322	8.2	1.2	318	8.2	0.05	55
9.8	1.6	324	9.8	1.4	332		1.4	321	8.6	1.0	319		btm	
	1.7	328	11.5	1.4	335	11.5	1.4	322	11.5	0.40	291			
	1.5	321	13.1	1.3	333	13.1	1.1	324		btm				
14.8	1.4	327	14.8	1.3	329	14.8	0.83	331						
16.4	1.4	322	16.4	0.95	332	16.4	0.69	309						
18.0	1.3	321	18.0	0.46	358	17.4	btm							
19.7	0.45	343	20.4	btm										
7	btm													

Table 64.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 05, 1992 (0959 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	722			752			790		~	820			849	
Dpth	Opth Vel	над	Dpth Vel	Vel	Нфд	Dpth Vel Hdg	Vel	Нфд	Dpth Vel	Vel	Hdg	Dpth	Vel	Hdg
3.3	1.0			1.2	338	3.3	1.3	334	3°.3	1.1		3.3	1.1	
4.9	0.84	329	4.9	1.0	332	4.9	1.0	333	4.9	0.94	332	4.9	4.9 0.81	327
9.9	0.11		9.9	.19	46	9.9	0.13	11	9.9	0.13		9.9	90.0	
8.2	btm		8.5 btm	btm		8.1 btm	otm		8.4 btm	btm		8.3 btm	btm	

Table 64.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 05, 1992 (0959 pst)Continued

	Hdg	
	Vel	
	Dpth	
	Hdg	
	Vel	
(feet)	Dpth	
bank	Hdg	
m left	Vel	
Distance from left bank (feet)	Dpth	
Dista	Hdg	325 336 303
897	Ve1	0.96 0.83 0.06
	Dpth	3.3 0 4.9 0 6.6 0 7.8 btm
	Hdg	340 343 45
884	vel	3.3 1.0 4.9 0.68 6.6 0.14 7.7 btm
	Dpth Vel	8.8 4.9 6.6 7.7

Table 65.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 17, 1992 (1035 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	300	301	300	297	296	295			
	196	Vel	5.3	5.4	5.2	5.1	4.8	4.4	2.9	0.13	btm
	•	Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	14.8	
		Hdg	298	297	296	294	290	290	318		
	161	Vel	4.2	4.1	4.0	3.9	3.7	2.3	0.46	btm	
(feet)	1	Dpth	3.3	4.9	9.9	8.2	9.6	11.5	13.1	14.5 k	
bank	!	Hdg	295	294	293	292	291	297	306		
m left	128	Vel	4.6	4.6	4.4	4.2	3.4	1.5	1.1	btm	
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	9.6	11.5	13.1		
Dista	1	Hdg	297	298	294	296	306				
	100	Vel	4.1	3.8	3.2	2.2	1.2	btm			
		Dpth	3.3	4.9		8.2	9.8	11.5			
		Hdg	294	300							
	63	Vel	3.3 1.3	0.52	otm						
		Dpth Vel Hdg	3.3	4.9	5.7 btm						

Table 65.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 17, 1992 (1035 pst)-Continued

					Dist	Distance from left bank (feet)	xm left	bank	(feet)					
	225			252			284		·	317	j		348	
Dpth	Vel	Hdg	Dpth	Vel	НФд	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Нфд
3.3	7.2	304	3.3	6.8	306	3.3	6.4	312	3.3	5.3	317	3.3	4.1	308
4.9	6.9	305	4.9	6.5	306	4.9	6.1	310	4.9	4.9	315	4.9	4.0	306
9.9	9.9	304	9.9	6.4	304	9.9	5.9	310	9.9	4.6	310	9.9	3.9	307
8.2	6.4	303	8.2	6.1	303	8.2	5.6	308	8.2	4.6	309	8.2	3.5	303
8.6	0.9	302	8.6	5.6	300	8.6	5.0	307	9.8	4.2	305	9.8	5.6	307
11.5	5.3	301	11.5	5.1	300	11.5	4.5	306	11.5	3.9	305	11.5	1.1	317
13.1	4.2	300	13.1	4.0	302	13.1	2.3	316	13.1	1.1	329	13.1	0.69	290
14.8	1.3	283	14.8	1.6	288		btm			btm		13.3	btm	
	btm		۳.	btm										

Table 65.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 17, 1992 (1035 pst)-Continued

Distance from left bank (feet)	436 460 491	ig Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	3.3 2.4 302 3.3 2.1 297 3.3 2.1 294 01 4.9 2.3 299 4.9 1.9 290 4.9 0.99 307 36 6.6 0.14 309 6.6 0.21 252 6.6 0.07 129 76 8.5 btm 8.1 btm 7.6 btm
<u></u>	460	τ Ve	.3 2 .9 1 .6 0
: (feet			K 4 6 8
t bank		ндд	
om lef	436	Vel	2.4 2.3 0.1
ance fr		- 1	ს 4. ტ ფ  
Dist		ндд	299 301 286 276
	411	opth Vel	2.7 2.6 1.8 0.14 btm
		Dpth	6 4 6 8 9 6 9 6 9 7 5
		ндд	311 311 302 308 308
	379	Dpth Vel	3.9 3.6 3.2 2.0 0.19
		Dpth	8. 4. 8. 9. 11. 8. 8. 2. 8. 2. 8. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.

Table 65.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 17, 1992 (1035 pst)Continued

	Hdg	
	Vel	
	Dpth	
	Hdg	
	Vel	
(feet)	Dpth	
bank	Hdg	
om left	Vel	
Distance from left bank (feet)	Hdg Dpth Vel Hdg Dpth Vel	
Dista	Ндд	296 337
551	Vel	3.3 0.79 4.9 0.09 5.8 btm
	Dpth	3.3 0 4.9 0 5.8 btm
	Ндд	303 339 303
521	Dpth Vel	2.1 0.56 0.41 btm
	Dpth	3.3 4.9 6.6

Table 66.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 18, 1992 (1033 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

0000	60	00	92		Dist	Distance from left bank (feet)	m left 126	: bank		<del>ر</del> «			191	
76	76				I		971			128			T A T	
Vel Hdg Dpth Vel Hdg Dp	Dpth Vel Hdg	h Vel Hdg	Ндд	1	ا ۵	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg
300 2.9 3.1	2.9 3.1	9 3.1	۲.	300		•	•	297	•	4.7	296	2.9	•	294
299 3.7 2.9	3.7 2.9	7 2.9	6.	296		•	•	296	•	4.5	295	3.7	5.4	293
5 3.2	4.5 3.2	5 3.2	.2	300			•	296	•	4.5	295	4.5	•	293
292 5.3 3.0	5.3 3.0	3 3.0	0.	300		•	•	293	•	•	294	5.3	5.4	293
1 2.9	1 2.9	1 2.9	o.	301		•	•	296	•	4.5	293	6.1	5.2	296
0 2.9	0 2.9	0 2.9	6.	300			•	294	•	•	292	7.0	•	296
8 2.6	8 2.6	8 2.6	9.	296			•	295	•	4.2	293	7.8	•	297
8.6 2.1 294	6 2.1	6 2.1	۲.	294		8.6	3.4	293	8.6	4.1	297	8.6	4.8	293
4 1.5	4 1.5	4 1.5	.5	305		•	•	291	•	•	296	9.4	•	294
2 0.67	2 0.67	2 0.67	.67	333		•	•	291	0	•	294	0	4.8	295
11.4 btm	4	4	btm			•	•	292	i.	•	293	$\vdash$	•	292
						•	•	286	•	2.5	302	11.9	4.1	293
							•	280	2	•	293	$^{\circ}$	•	295
						٦.	btm		3.	•	279	3	•	298
									4.	•	287	4	•	297
									15.1	btm		5	•	292
												0.9	btm	

Table 66.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 18, 1992 (1033 pst)-Continued

		Hdg	300	296	300	301	301	305	305	303	307	311	324						
	347	Vel	•	3.3	3.1	•	•	•	3.0	2.8	•	1.3	1.1	btm					
		Dpth	2.9	3.7	4.5	5.3	•		•	8.6	•	•	11.1	12.1					
		Hdg	304	304	302	306	307	308	309	309	311	312	307	310	318	352			
	319	Vel	4.8	4.6	4.4	4.6	4.3	4.4	4.3	•	3.8	4.0	•	2.7	1.2	0.53	btm		
bank (feet)		Dpth	2.9	3.7	4.5	•	6.1	•	7.8	8.6	•	0	11.1	11.9	•	•	14.3 1		
bank		Hdg	305	304	302	302	302	302	303	307	306	304	302	304	303	303	315		
from left	280	Vel			0.9	•	5.7	•	5.4	5.0	5.0	5.0	4.7	4.1	4.0	5.6	0.23	btm	
		Dpth	2.9	3.7	4.5	5.3	6.1	7.0	•	8.6	9.4	10.2	11.1	11.9	12.7	13.5	14.3	15.7 1	
Distance		Нфд	303	306	306	305	307	307	311	310	308	305	305	303	302	304	317	18	
	249	Vel	5.9	0.9	5.6	5.4	5.1	4.8	4.5	4.8	4.9	4.8	4.7	4.4	4.0	3.7	1.4	0.24	btm
8		Dpth	2.9	3.7	4.5	•	6.1	7.0	7.8	8.6	9.4	•	11.1	11.9	12.7	•	14.3	•	16.1 B
		Нфд	306	305	305	302	305	306	303	302	302	303	302	300	298	298	299	329	
	224	Vel	•	•	•	•	•	•	•	5.0	•	•	•	•	4.6	•	2.3	•	btm
		Dpth	2.9	3.7	•	•	•	•	7.8	8.6	•	•	i.	11.9	8	ω,	•	•	

Table 66.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 18, 1992 (1033 pst)-

Distance from left bank (feet)  429 463 493	el Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	301 2.9 2.0 286 2.9 2.5 301 2.9 2.0	297 3.7 1.9 284 3.7 2.2 300	296 4.5 1.9 280 4.5 2.2 300 4.5 2.0	297 5.3 1.9 281 5.3 1.9 299 5.3 1.9	299 6.1 1.2 281 6.1 1.3 305 6.1 0.68	290 7.0 0.05 201 7.0 0.08 294 7.0 0.65	293 8.3 btm 8.0 btm	),27 41				
tance from le	Dpth			Н	Н	ij	Ö						
397	Vel Hdg						1.8 290			btm			
	Dpth	2	3	4	5	9		7	80		01		,
370	Vel Hdg								1.4 312			otm	
	Dpth	2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6	9.4	10.2	10.7	

Table 66.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 18, 1992 (1033 pst)Continued

	Hdg				
	Vel				
	Dpth				
	НФЗ				
	Vel				
(feet)	Hdg Dpth				
bank	Hdg				
om left	Vel				
Distance from left bank (feet)	Dpth				
Dista	Hdg				
	Vel				
	Dpth				
	НФд	307	295	319 343	
522	Vel	2.0	1.3	0.13	btm
	Dpth Vel	2.0	3.7	4. r. v. e.	6.5

Table 67.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 19, 1992 (0815 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Doth Vel Hda
el Hdg
Dpth Vel
Hdg
h vel
Hdg Dpth
Vel H
Dpth
Hdg
Vel
Dpth

Table 67.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 19, 1992 (0815 pst)-Continued

Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Hdg Dpth Free Hdg Dpth Fr				Dist	Distance from left bank (feet)	m left	bank	(feet)					
Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Vel Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Vel Vel Hdg Dpth Vel Hdg Dpth Vel Vel Vel Vel Vel Vel Vel Vel Vel Vel			254			281		,,	311			346	
98 2.9 6.8 308 2.9 6.3 305 2.9 6.0 308 2.9 3.9 99 4.5 6.5 308 4.5 5.9 305 4.5 5.9 307 3.7 4.1 99 4.5 6.5 308 4.5 5.9 305 4.5 5.9 305 4.5 4.1 99 6.1 6.2 307 6.1 6.3 303 6.1 5.2 304 6.1 4.1 90 7.0 6.1 305 7.0 6.1 302 7.8 4.9 298 7.8 3.9 91 8.6 5.9 306 8.6 5.8 303 8.6 4.9 298 7.8 3.9 91 9.4 6.0 304 9.4 5.6 298 9.4 4.8 299 9.4 3.3 90 10.2 5.8 301 11.1 5.0 296 11.1 4.5 295 11.1 1.7 90 11.1 5.8 301 11.1 5.0 296 11.1 4.5 296 11.1 1.7 91 12.7 4.8 297 12.7 4.4 294 12.7 3.4 293 12.7 0.26 92 13.5 4.3 295 13.5 3.6 292 13.5 0.95 298 13.1 btm 93 16.2 btm 94 289 15.8 btm 95 15.2 btm	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	над	Dpth	Vel	Hdg
98 2.9 6.8 308 2.9 6.3 305 2.9 6.0 308 2.9 3.9 99 4.5 6.8 306 3.7 6.1 305 3.7 5.8 307 3.7 4.1 99 4.5 6.5 308 4.5 5.9 305 4.5 5.9 305 4.5 4.1 99 5.3 6.4 307 5.3 6.0 302 5.3 5.7 305 5.3 4.1 90 6.1 6.2 307 6.1 6.3 303 6.1 5.2 304 6.1 4.1 90 7.0 6.1 305 7.0 6.1 302 7.0 5.2 304 6.1 4.1 91 7.8 6.1 302 7.8 5.9 302 7.8 4.9 298 7.8 3.9 91 10.2 5.8 302 10.2 5.5 297 10.2 4.6 295 10.2 2.7 91 11.1 5.8 301 11.1 5.0 296 11.1 4.5 296 11.1 1.7 97 11.9 5.1 300 11.9 4.9 293 11.9 4.0 289 11.9 1.4 97 12.7 4.8 297 12.7 4.4 294 12.7 3.4 293 12.7 0.26 95 13.5 4.3 295 13.5 3.6 292 13.5 0.95 298 13.1 btm 96 15.2 btm 97 15.2 btm													
99 4.5 6.8 306 3.7 6.1 305 3.7 5.8 307 3.7 4.1 99 4.5 6.5 308 4.5 5.9 305 4.5 5.9 305 4.5 4.1 99 5.3 6.4 307 5.3 6.0 302 5.3 5.7 305 4.5 4.1 99 6.1 6.2 307 6.1 6.3 303 6.1 5.2 304 6.1 4.1 90 7.0 6.1 305 7.0 6.1 302 7.0 5.2 304 6.1 4.1 91 7.8 6.1 305 7.0 6.1 302 7.0 5.2 304 7.0 4.1 91 8.6 5.9 306 8.6 5.8 302 7.8 4.9 298 7.8 3.9 91 10.2 5.8 302 10.2 5.5 297 10.2 4.6 295 10.2 2.7 92 11.1 5.8 301 11.1 5.0 296 11.1 4.5 296 11.1 1.7 93 12.7 4.8 297 12.7 4.4 294 12.7 3.4 293 11.9 1.4 94 12.7 3.4 295 13.5 3.6 292 13.5 0.95 298 13.1 btm 95 13.5 4.3 295 13.5 3.6 292 13.5 btm 96 15.2 btm	298	•	•	308	•	•	305	•	•	0	2.9	•	304
99       4.5       6.5       305       4.5       5.9       305       4.5       5.9       305       4.5       4.1       4.1         99       5.3       6.4       307       5.3       6.0       302       5.3       5.7       305       4.1       4.1         99       6.1       6.2       307       6.1       6.3       303       6.1       5.2       304       6.1       4.1         00       7.0       6.1       305       7.0       6.1       302       7.0       5.2       304       6.1       4.1         01       7.8       6.1       302       7.0       6.1       302       7.0       5.2       300       7.0       4.1         01       8.6       5.9       302       7.8       303       8.6       4.9       298       7.8       3.9         00       10.2       8.6       5.8       303       8.6       4.9       299       7.8       3.3         00       10.2       8.6       5.8       303       11.1       4.8       299       11.1       1.7         10.2       5.8       301       11.9       4.9       293       11.	300	•	•	306	•	•	305	•	•	0	•	4.1	301
99       5.3       6.4       307       5.3       6.0       302       5.3       5.7       305       5.3       4.1         99       6.1       6.2       307       6.1       6.3       303       6.1       5.2       304       6.1       4.1         90       7.0       6.1       302       7.0       5.2       300       7.0       4.1         01       7.8       6.1       302       7.8       4.9       298       7.8       3.9         01       8.6       5.9       302       7.8       4.9       298       7.8       3.9         02       10.2       8.6       5.8       303       8.6       4.9       296       7.8       3.4         03       9.4       6.0       304       9.4       4.8       5.9       9.4       3.3         00       11.1       5.8       302       10.2       4.6       295       10.2       2.7         00       11.1       5.8       301       11.1       5.0       296       11.1       4.5       296       11.1       1.7         12.7       4.8       297       12.7       4.4       294	299	•	•	308	•	•	305	•		0	•	•	302
6.1 6.2 307 6.1 6.3 303 6.1 5.2 304 6.1 4.1  00 7.0 6.1 305 7.0 6.1 302 7.0 5.2 300 7.0 4.1  17.8 6.1 302 7.8 5.9 302 7.8 4.9 298 7.8 3.9  01 8.6 5.9 306 8.6 5.8 303 8.6 4.9 298 7.8 3.9  02 10.2 5.8 302 10.2 5.5 297 10.2 4.6 295 10.2 2.7  03 11.1 5.8 301 11.1 5.0 296 11.1 4.5 296 11.1 1.7  04 4.8 297 12.7 4.4 294 12.7 3.4 293 12.7 0.26  15.2 0.84 289 15.8 btm 15.2 btm  16.2 btm	299	•	•	307	•	•	302	٠	•	0	•	•	300
00 7.0 6.1 305 7.0 6.1 302 7.0 5.2 300 7.0 4.1  7.8 6.1 302 7.8 5.9 302 7.8 4.9 298 7.8 3.9  8.6 5.9 306 8.6 5.8 302 7.8 4.9 296 8.6 3.4  9.4 6.0 304 9.4 5.6 298 9.4 4.8 299 9.4 3.3  90 10.2 5.8 302 10.2 5.5 297 10.2 4.6 295 10.2 2.7  90 11.1 5.8 301 11.1 5.0 296 11.1 4.5 296 11.1 1.7  97 11.9 5.1 300 11.9 4.9 293 11.9 4.0 289 11.9 1.4  97 12.7 4.8 297 12.7 4.4 294 12.7 3.4 293 12.7 0.26  95 13.5 4.3 295 13.5 3.6 292 13.5 0.95 298 13.1 btm  15.2 0.84 289 15.8 btm  15.2 btm	299	•	•	307	•	•	303	•	•	0	•	•	300
01 7.8 6.1 302 7.8 5.9 302 7.8 4.9 298 7.8 3.9 01 8.6 5.9 306 8.6 5.8 303 8.6 4.9 296 8.6 3.4 03 9.4 6.0 304 9.4 5.6 298 9.4 4.8 299 9.4 3.3 00 10.2 5.8 302 10.2 5.5 297 10.2 4.6 295 10.2 2.7 00 11.1 5.8 301 11.1 5.0 296 11.1 4.5 296 11.1 1.7 97 11.9 5.1 300 11.9 4.9 293 11.9 4.0 289 11.9 1.4 97 12.7 4.8 297 12.7 4.4 294 12.7 3.4 293 12.7 0.26 95 13.5 4.3 295 13.5 3.6 292 13.5 0.95 298 13.1 btm 15.2 0.84 289 15.8 btm 15.2 btm	300	•	•	305	•	•	302	•	•	0	•	•	303
01 8.6 5.9 306 8.6 5.8 303 8.6 4.9 296 8.6 3.4 03 9.4 6.0 304 9.4 5.6 298 9.4 4.8 299 9.4 3.3 00 10.2 5.8 302 10.2 5.5 297 10.2 4.6 295 10.2 2.7 00 11.1 5.8 301 11.1 5.0 296 11.1 4.5 296 11.1 1.7 97 11.9 5.1 300 11.9 4.9 293 11.9 4.0 289 11.9 1.4 97 12.7 4.8 297 12.7 4.4 294 12.7 3.4 293 12.7 0.26 95 13.5 4.3 295 13.5 3.6 292 13.5 0.95 298 13.1 btm 15.2 0.84 289 15.8 btm 15.2 btm	301	7.8	•	302	•	•	302	•	•	6	•	•	303
03 9.4 6.0 304 9.4 5.6 298 9.4 4.8 299 9.4 3.3 3 3 3 0 10.2 5.8 302 10.2 5.5 297 10.2 4.6 295 10.2 2.7 3 0 1 11.1 5.8 301 11.1 5.0 296 11.1 4.5 296 11.1 1.7 3 0 1 12.7 4.8 297 12.7 4.4 294 12.7 3.4 293 11.9 1.4 3 0.5 13.5 4.3 295 13.5 3.6 292 13.5 0.95 298 13.1 btm 15.2 0.84 289 15.8 btm 15.2 btm	301	8.6	•	306	•	•	303	•	•	6	•	•	300
00 10.2 5.8 302 10.2 5.5 297 10.2 4.6 295 10.2 2.7 3 00 11.1 5.8 301 11.1 5.0 296 11.1 4.5 296 11.1 1.7 3 97 11.9 5.1 300 11.9 4.9 293 11.9 4.0 289 11.9 1.4 3 97 12.7 4.8 297 12.7 4.4 294 12.7 3.4 293 12.7 0.26 2 95 13.5 4.3 295 13.5 3.6 292 13.5 0.95 298 13.1 btm 72 14.3 2.1 277 14.3 0.60 270 14.3 0.35 175 15.2 0.84 289 15.8 btm 15.2 btm 16.2 btm	303	9.4	•	304	•	•	298	•	•	6	•	•	301
00 11.1 5.8 301 11.1 5.0 296 11.1 4.5 296 11.1 1.7 3 97 11.9 5.1 300 11.9 4.9 293 11.9 4.0 289 11.9 1.4 3 97 12.7 4.8 297 12.7 4.4 294 12.7 3.4 293 12.7 0.26 2 95 13.5 4.3 295 13.5 3.6 292 13.5 0.95 298 13.1 btm 72 14.3 2.1 277 14.3 0.60 270 14.3 0.35 175 15.2 0.84 289 15.8 btm 15.2 btm 16.2 btm	300	0	•	302	0	•	297	ö	•	σ	。	•	307
97 11.9 5.1 300 11.9 4.9 293 11.9 4.0 289 11.9 1.4 3 97 12.7 4.8 297 12.7 4.4 294 12.7 3.4 293 12.7 0.26 2 95 13.5 4.3 295 13.5 3.6 292 13.5 0.95 298 13.1 btm 72 14.3 2.1 277 14.3 0.60 270 14.3 0.35 175 15.2 0.84 289 15.8 btm 15.2 btm 16.2 btm	300	$\vdash$	•	301	÷.	•	296	ä	•	6	ä	•	309
97 12.7 4.8 297 12.7 4.4 294 12.7 3.4 293 12.7 0.26 2 95 13.5 4.3 295 13.5 3.6 292 13.5 0.95 298 13.1 btm 72 14.3 2.1 277 14.3 0.60 270 14.3 0.35 175 15.2 0.84 289 15.8 btm 15.2 btm 16.2 btm	297	Н	•	300	Η.	•	293	ä	•	α	H.	•	321
95 13.5 4.3 295 13.5 3.6 292 13.5 0.95 298 13.1 72 14.3 2.1 277 14.3 0.60 270 14.3 0.35 175 15.2 0.84 289 15.8 btm 15.2 btm 16.2 btm	297	$^{\circ}$	•	297	2	•	294	2	•	6	8	7	287
72 14.3 2.1 277 14.3 0.60 270 14.3 0.35 17 15.2 0.84 289 15.8 btm 15.2 btm 16.2 btm	295	æ.	•	295	•	•	292	Э.	σ.	6	۲.	btm	
5.2 0.84 289 15.8 btm 15.2 6.2 btm	272	4.	•	277	4.	•	270	4.	ω.	7			
6.2		ъ.	φ.	289	ω.	btm		5.2	btm				
		6.2	btm										

Table 67.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 19, 1992 (0815 pst)-Continued

			над	306	303	304	290	146						
		505	vel	1.8	1.9	1.6	1.5	0.12	btm					
			Dpth	2.9	3.7	4.5	5.3	6.1						
			Ндд	314	308	297	305	298	107					
		467	Vel	1.8	1.8	1.9	1.6	1.5	0.15	btm				
	(feet)	7	Dpth	2.9	3.7	4.5	5.3	6.1	7.0					
	bank		Hdg	312	310	299	290	293	250	236				
	m left	436	ve1	2.7	2.6	5.6	2.5	2.1	0.39	0.37	btm			
	Distance from left bank (feet)		Dpth	2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.5 1			
	Dista		Над	310	311	308	309	302	296	294	257			
		414	Vel	2.7	3.0	3.0	2.7	2.3	1.5	0.67	0.42	btm		
			Dpth	2.9	3.7	4.5	5,3	6.1	7.0	7.8	8.6			
,			Hdg	307	302	306	302	295	299	298	301	311	291	
		373	Vel	3.6	3,3	3.2	3.3	3.1	2.8	3.0	5.6	1.8	0.55	btm
			Dpth	2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6	9.4	10.2	11.4

Table 67.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 19, 1992 (0815 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	528			558										
Dpth	Vel	нда	Dpth	Vel	Над	Dpth	Vel	НФд	Dpth	Vel	Ндд	Dpth	Vel	ндд
2.9	1.4		2.9	1.5	292									
3.7	1.5	306	3.7	0.97	290									
4.5	1.3		4.5	0.68	275									
5.3	1.1		5.3	0.16	184									
6.1	0.16		6.0 btm	btm										
7.0	btm													

Table 68.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

	btm			btm										
270	0.02	23.8		0.13	23.8		btm							
258	0.30	20.5		0.30	20.5	352	0.39	20.5						
252	0.54	17.2		0.50	17.2	254	0.34	17.2						
259	0.59	13.9	259	0.66	13.9	253	0.46	13.9		btm	0.			
260	0.71	10.7		0.74	10.7	253	0.44	10.7	265	0:30	10.7		btm	9.1
259	0.81	7.4		0.80	7.4	260	0.39	7.4	262	0.50	7.4	15	0.07	7.4
258	0.91	4.1		0.92	4.1	254	0.41	4.1	260	0.59		254	4.1 0.43	4.1
над	Vel	Dpth	над	Vel	Dpth	Над	Vel	Dpth	Hdg	Vel	Dpth	Hdg	Dpth Vel	Dpth
	177			139		ľ	111			78			49	
					(feet)	bank	m left	Distance from left bank (feet)	Dista					

Table 68.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	207			238	ļ		269			300			332	
Dpth	Vel	Нфд	Dpth	Vel	НФд	Dpth	Vel	НФд	Dpth	Vel	Hdg	Dpth	Vel	Нфд
4.1	0.89	255	4.1	0.89	256	4.1	0.93	256	4.1	0.99	256	4.1	0.97	254
7.4	0.82	256	7.4	0.80	259	7.4	0.82	258	7.4	0.81	257	7.4	0.88	257
10.7	0.67	259	10.7	0.66	256	10.7	0.76	256	10.7	0.71	257	10.7	0.77	255
13.9	0.62	253	13.9	09.0	252	13.9	0.65	249	13.9	09.0	252	13.9	0.70	256
17.2	0.55	256	17.2	0.46	252	17.2	0.55	246	17.2	0.56	246	17.2	0.69	250
20.5	0.43	255	20.5	0.35	254	20.5	0.41	257	20.5	0.20	271	20.5	0.30	258
23.8	0.12	270		0.04	259	23.8	0.05	19	23.8	0.01	270	23.8	0.02	315
	btm		٥.	btm		25.7	btm		24.3	btm		24.7 1	btm	

Table 68.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet.)					
	364			404			435			467			501	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.1		4.1	1.0	254	4.1	0.99	253	4.1	1.0	251	4.1	0.99	254
7.4	06.0	262	7.4	0.93	257	7.4	0.93		7.4	0.91	255	7.4	0.95	257
10.7	0.80		10.7	0.83	263	10.7	0.86	255	10.7	0.84	254	10.7	0.85	256
13.9	0.73		13.9	0.76	257	13.9	0.78		13.9	0.78		13.9	0.79	252
17.2	0.65		17.2	0.70	255	17.2	0.73		17.2	0.70		17.2	0.68	246
20.5	0.41		20.5	0.50	252	20.5	09.0	247	20.5	0.61	249	20.5	0.56	239
23.8	0.09		23.8	0.05	323	23.8	0.05		23.8	0.11	270	23.8	0.11	245
	btm		.7	btm		26.3 1	btm		26.9	btm			btm	

Table 68.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	535			561			597			634			662	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	vel	Hdg
								i i						
4.1	1.1		4.1	т. т	251	4.1	1.0	255	4.1	1.1	256	4.1	1.0	253
7.4	1.0		7.4	0.99	256	7.4	0.93	258	7.4	0.97	256	7.4	1.0	257
10.7	0.93		10.7	0.95	256	10.7	0.89	258	10.7	0.85	256	10.7	06.0	254
13.9	0.84	257	13.9	0.78	253	13.9	0.75	255	13.9	0.82	257	13.9	0.81	251
17.2	0.81		17.2	0.61	253	17.2	0.76	253	17.2	0.73	254	17.2	0.76	247
20.5	0.64		20.5	0.52	249	20.5	0.67	252	20.5	0.68	251	20.5	0.69	251
23.8	0.21		23.8	0.15	263	23.8	0.39	257	23.8	0.48	256	23.8	0.41	257
27.1	0.14			btm		27.1	0.18	338	27.1	0.14	334	27.1	0.07	240
	btm					28.3 1	btm		28.8 1	btm		27.9	btm	

Table 68.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	700			729			757		-	795			832	
Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth Vel	Vel	Ндд
4.1	1.1		4.1			4.1	1.0		4.1	1.0	252	4.1	0.97	255
7.4	0.93		7.4			7.4	0.92		7.4	0.92	254	7.4	0.87	260
10.7	0.89	261	10.7	06.0	257	10.7	0.79	256	10.7	0.87	250	10.7	0.84	259
13.9	0.83		13.9	0.85		13.9	0,71		13.9	0.77	254	13.9	0.74	262
17.2	0.78		17.2	0.72		17.2	0.37		17.2	0.55	257	17.2	0.64	263
20.5	0.74			0.47		20.5	0.10		20.5	0.06	283	20.5	0.20	302
23.8	0.29		7.	btm			btm			btm			btm	
	btm													

Table 68.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	859			968			923		σ,	959			986	
Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Ve1	Hdg
								:						
4.1	0.99		4.1	0.94	250	4.1	1.0	248	4.1	0.98	244	4.1	0.97	246
7.4	0.87		7.4	0.90	259	7.4	1.0	251	7.4	1.0	249	7.4	0.94	251
10.7	0.84	256	10.7	0.84	261	10.7	0.94	253	10.7	0.94	251	10.7	96.0	250
13.9	0.77		13.9	0.80	260	13.9	0.83	255	13.9	0.87	256	13.9	0.89	255
17.2	0.73		17.2	0.70	257	17.2	0.80	253	17.2	0.89	251	17.2	0.85	256
20.5	0.22		20.5	0.34	282	20.5	0.65	255	20.5	0.79	246	20.5	0.82	257
24.0	btm		23.8	0.07	334	23.8	0.35	256	23.8	0.49	259	23.8	0.74	256
			4.8	btm		27.1	btm		27.1	0.16	267	27.1	0.20	296
									28.7 1	btm		30.3	0.15	164
												30.5	btm	

Table 68.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,022			1,057			1,090		• 1	1,124			1,157	
Dpth	Vel	Hdg	Dpth	Vel	НФд	Dpth	Vel	Hdg	Dpth	Vel	ндд	Dpth	Vel	над
														į
4.1	0.91		4.1	0.91	241	4.1	0.88	241	4.1	0.81	248	4.1	0.78	243
7.4	0.92	248	7.4	06.0	245	7.4	0.91	246	7.4	0.83	255	7.4	0.76	246
10.7	0.95		10.7	0.96	251	10.7	06.0	250	10.7	0.87	259	10.7	0.78	251
13.9	0.93		13.9	0.95	254	13.9	0.88	252	13.9	0.90	259	13.9	0.85	256
17.2	0.90		17.2	0.87	255	17.2	0.83	258	17.2	0.88	261	17.2	0.86	258
20.5	0.88		20.5	0.80	254	20.5	0.76	256	20.5	0.81	263	20.5	0.82	260
23.8	0.78		23.8	0.76	256	23.8	0.70	254	23.8	0.76		23.8	0.78	260
27.1	0.56		27.1	0.65	259	27.1	0.67	251	27.1	0.76		27.1	0.71	258
30.3	90.0		30.3	0.29	271	30.3	0.52	257	30.3	0.70	261	30.3	0.66	256
	btm		33.6	0.07	193	33.6	0.01	315	33.6	0.43	271	33.6	0.50	259
			5	btm		36.2	btm		36.9	0.02	45	36.9	0.05	77
									37.8	btm		38.6	btm	

Table 68.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	1,190			1,215			1,250		-	1,284			1,319	
Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Ндд
4.1	0.78	243	4.1	0.79	246	4.1	0.79	242	4.1	0.78	249	4.1	0.72	245
7.4	0.83	245	7.4	0.75	248	7.4	0.75	249	7.4	0.79	250	7.4	0.70	250
10.7	0.83	253	10.7	0.79	252	10.7	0.82	251	10.7	0.78	255	10.7	0.76	258
13.9	0.82	254	æ,	0.75	259	•	0.82	254	13.9	0.82	257	13.9	0.78	259
17.2	0.87	261	17.2	0.86	258	17.2	0.87	260	17.2	0.82	261	•	0.85	261
20.5	0.80	261	ö	0.86	266	20.5	0.88	260	0	0.88	258	20.5	0.86	264
•	0.82	263	23.8	0.79	261	23.8	0.81	261	•	0.87	262	•	•	267
•	•	262	27.1	0.71	263	27.1	0.80	262	27.1	0.79	261	27.1	0.75	262
30.3	0.70	263	30.3	0.66	265	30.3	0.70	258	30.3	0.74	258	30.3	0.68	268
•	•	264	e,	0.63	263	33.6	0.54	257	33.6	0.67	258	33.6	0.62	263
•	0.08	323	36.9	0.36	274	36.9	0.41	264	36.9	0.39	263		0.39	279
φ.	btm		ö	0.01	14	40.2	0.05	331	40.2	0.04	311	40.2	0.07	336
			1.0	btm		41.6	btm		41.5	btm		41.5	btm	

Table 68.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,345		•	1,380			1,415		- •	1,450			1,477	
Dpth	Vel	над	Dpth	Vel	НФд	Dpth	Vel	НФд	Dpth	Vel	над	Dpth	Vel	Hdg
4.1	0.74	253	4.1	0.70	242	4.1	0.70	243	4.1	0.70	240	4.1	0.63	243
7.4	0.72	251	7.4	0.68	247	7.4	0.66	242	7.4	0.70	244	7.4	0.63	245
10.7	0.68	254	10.7	0.65	239	10.7	0.64	238	10.7	0.71	245	10.7	0.67	251
13.9	0.70	259	e,	0.66	247	13.9	0.10	246	13.9	0.61	249	13.9	0.71	249
17.2	0.75	260	17.2	0.69	254	17.2	0.68	248	17.2	0.68	250	17.2	0.68	249
20.5	0.82	259	0	0.73	255	•	0.72	252	20.5	0.69	252	20.5	0.67	253
23.8	0.81	263	ω.	0.75	256	23.8	0.76	259	23.8	0.71	260	23.8	0.73	260
27.1	•	263	7	0.73	257	27.1	0.74	260	27.1	0.78	265	27.1	0.74	266
30.3	•	264	30.3	0.71	258	30.3	0.69	258	30.3	0.80	265	30.3	0.82	265
33.6	•	270	ω.	0.58	261	33.6	0.62	260	33.6	0.70	267	33.6	0.80	268
36.9	0.37	285	9	0.32	272	36.9	0.36	267	36.9	0.48	270	36.9	0.61	277
40.2	•	344	40.2	0.01	315	40.2	0.03	23	40.2	0.05	12	40.2	0.14	336
41.4 b	btm		41.3	btm		41.4	btm		41.9	btm		42.6	btm	

Table 68.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)-Continued

	1,512			1,547	7870		1,573		Dallk (reer)	1,607			1,633	
				.			.						١.	
Dpth	Vel	над	Dpth	Vel	нда	Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	над
4.1	9.	239	4.1	•	234	4.1	5	238	4.1	•	243	4.1	4.	4
7.4	9.	242	7.4	0.53	237	7.4		241	7.4	0.58	256	7.4	0.58	247
•	9.	246	0	0.55	4	10.7	3	246	10.7	•	251	•	9.	2
ω.	9	246	ന	0.58	238	•	0.61	247		0.68	256	•	.5	5
7.	9.	254	7	0.59	246		0.63	253	•	0.69	261	17.2	•	S
0	9.	253	0	09.0	247		•	257		•	262		0.44	2
ω,	9	254	ന	0.55	246		0.71	259	•	9.	260	•	btm	
7.	9.	260	7	0.63	253	•	0.65	258	•	0.63	259			
0	9.	266	0	0.63	255		•	261	•	ů.	263			
ω,	.7	266	ന	0.65	256	•	ĸ.	261	•		258			
9	9.	268	ဖ	0.57	258	•	0.52	257	•	0.59	286			
40.2	0.31	295	40.2	0.45	256	40.2	0.41	254	40.2	0.92	313			
ω,	۰.	187	ന	0.08	352		0.26	263	•	0.79	327			
44.1	btm		46.2	btm		46.8	0.05	∞	43.6	btm				
						47.2	۲ ۲							

Table 69.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

	!	Ндд	د م	315	319	245	
	214	Vel	<del>ر</del> ب	1.2	0.55	0.05	btm
		Dpth	-	7.4	10.7	13.9	14.5 1
		Hdg		317			
	179	Vel		0.91			btm
(feet)		Dpth	-	7.4	10.7	13.9	15.0 ]
bank		Над		309	303	337	
m left	146	Vel Hdg	-	4.1	0.42	0.17	btm
Distance from left bank (feet)		Dpth		7.4			14.8 1
Dist		Hdg		315			
	113	th Vel	o 0	0.75	0.25	btm	
		Dpth		7.4	0.7	13.7	
		Нфд		301			
	75	Dpth Vel Hdg	7	0.44	90.0	otm	
		Dpth	7	7.4 0.44	10.7	12.2 k	

Table 69.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	237			271		ŀ	305		·	340			375	
Dpth	Dpth Vel	ндд	Dpth	Vel Hdg	Нфд	Dpth Vel	Vel	Hdg	Dpth	Vel F	НФЭ	Dpth	Dpth Vel	Нфд
4.1	1.1		4.1	4	314	4.1	4.1 1.5	313	4.1	4.1 1.5	312	4.1	1.6	
7.4	96.0	322	7.4	96.0	311	7.4	1.3	312	7.4	1.3	311	7.4	1.4	313
10.7	10.7 0.14		10.7 0.	0.11	288	10.7	0.10	290	10.7	0.08	279	10.7 0.	0.25	
14.0	btm		12.3	btm		12.7	btm		13.2	btm		13.7	btm	

Table 69.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
398	æ			433			469		-•	505		2	540	
Dpth Vel		ндд	Dpth Vel	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Ндд
4.1 1. 7.4 1.		310 308	4.1	다 다 4. 4.	310 309	4.7	н г.	317	4.1	н н 4. с.	308 308	4.1	다 다 4. 다	302 294
10.7 0.39 14.2 btm		112	13.9	0.64 0.08 btm	305 203	10.7 0. 13.9 0. 15.3 btm	0.94 0.10 btm	316 348	13.9			13.9	0.62 0.17 btm	

Table 69.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)Continued

		над			311		
	669	Vel	1.4	1.3	0.88	0.44	btm
		Dpth Vel	4.1	7.4	10.7	13.9	16.0 ]
		Ндд			305		
	665	Vel	1.3	1.3	0.55	0.17	15.4 btm
(feet)	9	Dpth	4.1	7.4	10.7	13.9	15.4 1
bank		Над			311		
m left	633	Vel	1.6	1.5	1.3	0.16	otm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	15.8 btm
Dista		над	311	309	302	307	
	598	Vel	1.5	1.3	1.2	0.16	otm
		Dpth Vel	4.1	7.4	10.7	13.9	17.1 btm
		Над	310	314	311	336	
	563	Opth Vel	1.5	1.4	1.2	0.03	otm
		Dpth	4.1	7.4	10.7	13.9	16.5 1

Table 69.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)Continued

733  Dpth Vel Hdg Dpth 4.1 1.1 307 4.7.4 0.24 281 7.10.6 btm 10.	Distance from left bank (feet)	769 792 829 865	Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Hdg	4.1 1.0 318 4.1 1.3 314 4.1 1.3 318 4.1 1.5 314 7.4 0.02 296 7.4 0.42 316 7.4 0.89 319 7.4 1.3 312 0.5 btm 11.1 btm 10.7 0.07 157 10.7 0.74 304 12.3 btm 13.9 0.11 247
Hdg Dpt 307 ,	Dista	769	ł	1 1.0 318 4 0.02 296 5 btm

Table 69.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)Continued

		Нфд	10	60	80	310	60	36	
	30		1.5 3						
	1,030	Vel							btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	22.4
		Hdg				307			
	995	Vel	1.2	1.2	1.2	1.2	0.32	0.14	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	
bank		Hdg	310	311	310	309	311		
m left	096	Vel	1.5	1.4	1.3	1.0	0.04	otm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	19.5	
Dista		Hdg	315	310	308	313			
	925	Vel	1.5	1.4	1.3	0.32	otm		
		Dpth	4.1	7.4	10.7	13.9	17.6		
		над	309	309	303	241			
	901	Ve1	4.1 1.7	1.5	1.2	0.17	btm		
		Dpth Vel	4.1	7.4	10.7	13.9	16.3 E		

Table 69.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,063			1,096			1,129	}	-	1,161			1,194	
Dpth	Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	над	Dpth	Vel	ндд	Dpth	Vel	ндд
4.1	1.7	300	4.1	1.8	302	4.1	1.7	299	4.1	1.7	297	4.1	1.6	298
7.4	1.6	305	7.4	1.8	306	7.4	1.6	303	7.4	1.7	301	7.4	1.6	301
10.7	1.5	305	10.7	1.7	304	10.7	1.6	306	10.7	1.6	302	10.7	1.6	305
13.9	1.4	307	13.9	1.5	305	13.9	1.5	307	13.9	1.5	302	13.9	1.5	304
17.2	1.3	310	17.2	1.4	303	17.2	1.4	307	17.2	1.4	304	17.2	1.3	304
20.5	0.29	307	20.5	0.91	302	20.5	1.2	305	20.5	1.3	305	20.5	1.2	302
	btm			0.06	53	23.8	0.08	71	23.8	0.22	286	23.8	0.89	306
			25.2	btm			btm			btm		27.1	0.02	153
													btm	

Table 69.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)Continued

		нфд	295	296	302	303	305	304	309	337	
	1,357	Vel	1.4	1.4	1.3	1.3	1.3	1.1	1.0	90.0	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	
		Нфд	289	289	292	299	301	298	299	138	
	1,324	Vel	1.2	1.2	1.2	1.3	1.2	1.1	0.95	0.11	btm
(feet)	•	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	
bank		Нфд	297	299	303	307	309	309	305	32	
m left	1,292	Vel	1.4	1.5	1.6	1.6	1.5	1.4	1.0	0.07	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	
Dista		Над	297	300	303	304	308	308	302	78	
	1,259	Vel	1.4	1.5	1.5	1.5	1.4	1.2	0.91	0.07	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	
		Ндд	296	297	299	301	304	305	306	57	
	1,226	Vel	1.6	1.6	1.5	1.4	1.4	1.3	1.1	0.07	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	

Table 69.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)-Continued

				/200=\									
1,390	C		1,422			1,455		• •	1,488			1,519	
Dpth Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
1 1.4	295	4.1	1.4	293	4.1	1.5	295	4.1	1.4	296	4.1	0.85	277
4 1.3	294	7.4	1.4	294	7.4	1.4	296	7.4	1.3	297	7.4	0.87	280
7 1.3	297	10.7	1.3	299	10.7	1.3	298	10.7	1.3	296	10.7	0.95	286
	300	13.9	1.3	296	13.9	1.2	295	13.9	1.3	298	13.9	0.99	286
2 1.3	305	17.2	1.1	298	17.2	1.1	300	17.2	1.2	297	17.2	1.1	292
	307	20.5	1.0		20.5	1.0	298	20.5	1.2	296	20.5	1.2	301
23.8 1.0	309	23.8	0.94	302	23.8	0.90	299	23.8	1.1		23.8		299
		27.1	0.15		27.1	0.45	307	27.1	0.86		27.1		295
.8 btm		30.4	btm		30.3	90.0	351	30.3	0.34	312	30.3	0.59	302
					31.7	btm		33.6	btm		33.6	0.13	357
											35.3	btm	

Table 69.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)Continued

	Нфд											
	Vel											
	Dpth											
	Нфд											
	Vel											
(feet)	Dpth											
bank	Нфд											
om left	Vel											
Distance from left bank (feet)	Dpth											
Dista	Hdg	295	302	305	306	308	306	329				
1,570	Vel	0.93	06.0	0.86	0.94	0.90	0.73	0.61	btm			
	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	31.6 1			
	НФВ	284	287	290	292	296	294	295	294	294	327	
1,549	Vel	0.79	0.78	0.79	0.92	0.97	0.93	96.0	0.89	0.67	90.0	btm
	Dpth	4.	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.2

Table 70.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 17, 1992 (1645 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Нфд	310 307 304 323
	190	Vel	6.9 5.9 3.6 3.8
	•	Dpth	6.4.0.8.9 6.0.0.1
		Ндд	309 307 322
	173	Vel	4.8 3.2 3.1 btm
(feet)	1	Dpth	6.4 6.0 6.0 7
bank		ндд	304 286
m left	128	Vel	3.3 3.8 4.9 0.83 6.2 btm
Distance from left bank (feet)		Dpth	6.4.0 6.4.0
Dist		нда	306 55
	102	Vel	3.3 1.2 3 4.9 0.16 5.1 btm
		Dpth Vel Hdg Dpth Vel	6. 4. 7. 6. 1.
		Hdg	271 82
	73	Vel	3.3 1.1 4.9 0.34 5.3 btm
		Dpth	8. 8. 3. 3. 4. 9. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.

Table 70.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 17, 1992 (1645 pst)Continued

		Hdg	314	310	320			
	348	Vel	5.1	4.3	6.6 2.0	btm		
		Dpth Vel	3.3	4.9	9.9	8.4 1		
		Ндд	310	305	307	318		
	313	Vel	6.1	5.7	4.2	3.1	btm	
(feet)	(1)	Dpth	3.3	4.9	9.9	8.2	9.6	
bank		Ндд	307	304	305	308		
n left	296	Vel	6.2	5.7	4.0	3.4	btm	
Distance from left bank (feet)		Dpth	3.3	4.9	9.9	8.2	9.8	
Dista		Hdg	311	310	307	295	296	
	260	Vel	6.2	5.6	4.7	2.4	2.3	btm
		Dpth Vel	3.3	4.9	9.9	8.2	8.6	
		Hdg	311	306	301	306		
	224	Vel	6.9	5.8	4.1	2.2	btm	
		Dpth Vel	3.3	4.9	9.9	8.2	9.8 L	

Table 70.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 17, 1992 (1645 pst)Continued

		Hdg	311 335 341
	518	Vel	3.3 3.6 4.9 1.4 6.6 0.80 6.9 btm
		Dpth Vel	w 4. 0. 0 w 2. 0. 0
		Hdg	314 313 313
	490	Vel	3.3 3.2 4.9 2.1 6.6 1.3 8.2 btm
(feet)	4	Dpth Vel	. 4. 0. 8 . 2. 6. 4.
bank		. Hdg	311 314 319
m left	445	Vel	3.3 5.1 4.9 4.0 6.6 3.2 8.7 btm
Distance from left bank (feet)		Dpth Vel	3.3 5.4.9 4.9 6.6 3
Dista		Hdg	310 309 317
	413	1	5.0 3.9 2.0 btm
		Dpth Vel	. 4. 0. 8 . 0. 0. 4.
		Hdg	309 305 320 320
	381	Vel	5.8 5.4 3.2 1.7
		Dpth Vel Hdg	. 4 0 8 9 6 9 6 4 4

Table 70.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 17, 1992 (1645 pst)Continued

		Над	289	285	284	284	304	
	219	Vel	4.0	3.7	3.6	2.7	0.62	btm
		Dpth Vel	3.3	4.9	9.9	8.2	8.6	11.2
		Ндд	274	273	281	288		
	639	Vel	4.1	4.9 3.7	2.4	1.2	otm	
(feet)		Dpth Vel Hdg	3.3	4.9	9.9	8.2	9.4 btm	
bank		Hdg	279	286				
m left	909	Vel	3.3 2.1	0.68	otm			
Distance from left bank (feet)		Dpth Vel	3.3	4.9	5.6 btm			
Dist		над	313					
	578	Vel	0.93 313	btm				
		Dpth Vel Hdg	3.3	4.4				
		Над	300					
	542	Dpth Vel Hdg	2.2	4.9 0.23	otm			
		Dpth	3.3	4.9	5.8 1			

Table 70.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 17, 1992 (1645 pst)-Continued

		Hdg										
		Vel										
		Dpth										
		Hdg										
		Vel										
(feet)		Dpth										
, bank		Hdg										
om left		Vel										
Distance from left bank (feet)		Dpth										
Dista	:	Hdg										
	703	Vel										
		Dpth										
		Ндд	280	279	278	283	281	277	270	277		
	703	Vel	5.6	5.1	5.0	5.3	5.1	3.5	1.8	0.87	btm	
		Dpth	3.3	4.9	9.9	8.2	9.6	11.5	13.1	14.8		

Table 71.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992 (1007 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

				Dist	Distance from left bank (feet)	m left	bank	(feet)					
82	80	80	~			119		•	152			179	
Dpth Vel Hdg Dpth Vel	Dpth v	⊳	e L	Ндд	Dpth	Vel	ндд	Dpth Vel	Vel	Ндд	Dpth Vel	Vel	над
2.9		m	9	285	2.9	3.9	276	2.9	4.5	281	2.9	4.8	285
268 3.7 3		ന	9.	284	3.7	3.9	274	3.7	4.5	280	3.7	4.9	282
4.5		Н	1.2	286	4.5	2.3	279	4.5	4.2	280	4.5	5.2	278
5.3			.2	261	5.3	0.18	303	5.3	3.7	281	5.3	4.7	279
6.0 btm		btn				btm		6.1	2.3	287	6.1	4.7	281
								7.0	1.7	277	7.0	3.9	280
								7.8	1.6	299	7.8	2.3	278
								8.4	btm		8.6	0.51	277
												btm	

Table 71.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992 (1007 pst)Continued

		Ндд		290	291	286	284	287	286	283	278	280	
	340	vel		3.8	4.1	4.0	4.2	4.2	3.9	3.8	2.6	1.7	btm
		Dpth		2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6	9.4	10.6
		НФд		278	277	278	279	284	280	277	280	285	
	313	Vel		4.9	4.6	4.6	4.5	4.0	3.9	3.2	2.4	1.8	btm
(+00+)	_	Dpth		2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6	9.4	10.8
2 1 2 2	Y T	ндд	l	273	271	274	276	273	271	263	274		
4	276	Vel		5.2	4.9	4.8	4.8	4.4	4.4	3.3	1.7	btm	
toot toot		Dpth		2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6		
,	2	Ндд		275	275	272	272	271	271	270	262	270	
	251	Vel		5.4	5.1	5.0	4.8	5.0	4.6	3.8	2.3	0.24	btm
	i	Dpth		2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6	9.4	10.4
		Нфд		277	276	275	276	275	273	265	265	270	
	219	Vel		5.5	5.1	5.0	4.8	4.4	3.5	2.2	1.0	•	btm
		Dpth		2.9	3.7	4.5	5.3	6.1	7.0	7.8	8.6	9.4	9.5

Table 71,-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992 (1007 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	371			404			438		,	463		:	494	
Dpth	Vel	ндд	Dpth	Vel	Hdg	Dpth	Ve1	Нфд	Dpth	Vel	ндд	Dpth	Vel	над
2.9	4.9	292	2.9	4.0	275	2.9	3.8	291	2.9	4.1	289	2.9	4.2	278
3.7	4.6	289	3.7	4.4	278	3.7	3.6	284	3.7	3.8	283	3.7	4.2	277
4.5	4.6	289	4.5	4.6	276	4.5	3.7	282	4.5	3.8	282	4.5	3.8	276
5.3	4.2	284	5.3	4.7	274	5.3	3.7	286	5.3	4.0	279	5.3	3.1	279
6.1	4.2	288	6.1	4.6	275	6.1	3.1	276	6.1	2.4	270	6.1	1.0	259
7.0	3.4	291	7.0	3.7	276	7.0	0.40	268	7.0	0.89	202	7.0	0.48	271
7.8	2.6	283	7.8	2.2	270	7.8	0.88	333	7.8	0.47	224	7.7	btm	
8.6	1.8	292	8.6	1.2	260	က	btm		8.1	btm				
9.4	1.5	292	9.4	1.1	254									
10.2	0.63	279	10.5	btm										
11.0	btm													

Table 71.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992 (1007 pst)Continued

				Dist	Distance from left bank (feet)	om left	bank	(feet)					
			552			590			622			652	
_	Над	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
ł													
	285	2.9	•	273	2.9	4.0	276	2.9	4.1	278	2.9	4.4	262
	283	3.7	3.9	275	3.7	4.0	276	3.7	4.1	278	3.7	4.5	262
	288	4.5	•	273	4.5	4.2	278	4.5	4.2	273	4.5	4.5	262
	300	5.3	•	274	5.3	4.3	275	5.3	4.3	273	5.3	4.3	263
	308	6.1	3.2	273	6.1	4.2	279	6.1	4.3	276	6.1	4.3	261
		7.0	•	273	7.0	2.9	274	7.0		269	7.0	4.1	261
		7.8	0.55	332	7.8	1.4	268	7.8	2.3	272	7.8	4.3	259
		8.4	btm		8.6	0.87	250	8.6	1.5	259	8.6	4.0	259
						btm		7	btm		9.4	3.7	256
											10.2	3.4	259
											11.1	2.9	255
											11.9	1.6	256
											12.7	1.2	256
												btm	

Table 71.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992 (1007 pst)-

					-		r							
				•	Dista	Distance from left bank (feet)	m left	bank	(feet)					
	678			685						:				
Dpth	Vel	Нфд	Dpth	vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Нфд
		264	2.9	5.4	257									
3.7	5.3	263	3.7	5.3	256									
	_	262	4.5	5.4	256									
		260	5.3	5.3	256									
		260	6.1	5.5	254									
	_	259	7.0	5.4	253									
		256	7.8	5.3	251									
		255	9.8	4.9	252									
		254	9.4	4.5	249									
Ö.		252	13.4	btm										
		250												
Ή.		247												
•		250									•			
ω,		250										-		
4.		246												
5.		231												
9	btm													

Table 72.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Ндд	323
	203	Vel	4.1 0.09 323 7.3 btm
		Dpth	4.1 0 7.3 btm
		Ндд	35
	167	Vel	4.1 0.06 35 6.6 btm
(feet)		Dpth	4.1 0 6.6 btm
bank		Нфд	82
m left	142	Vel	4.1 0.03 6.5 btm
Distance from left bank (feet)		Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	4.1 0. 6.5 btm
Dista		Ндд	117
	105	Vel	4.1 0.09 117 6.8 btm
		Dpth	4.1 0 6.8 btm
		Ндд	123
	80	Dpth Vel Hdg	4.1 0.09 123 7.1 btm
		Dpth	4.1 7.1 k

Table 72.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	240			268			297		.,	336			365	
Dpth Vel	Vel	Нфд	Dpth	Vel	Ндд	Dpth	Vel	НФд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.18	226		0.31		4.1	0.58		4.1	0.54	233	4.1	0.68	236
7.4	7.4 0.11	259		0.37	232	7.4	0.54		7.4	0.51	232	7.4	0.62	241
11.0 btm	btm			0.29		10.7	0.52		10.7	0.49	242	10.7	0.62	237
			13.9	0.24		13.9	0.43	237	13.9	0.48	233	13.9	0.58	240
				btm		17.2	0.37		17.2	0.48	245	17.2	0.56	240
							btm		20.5	0.39	239	20.5	0.50	235
									23.8	90.0	310	23.8	0.11	242
									26.0	btm			btm	

Table 72.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)Continued

		Hdg	217	218	226	228	228	232	235	231	229	234	286	
	533	vel	0.75	0.71	0.68	0.71	0.68	0.66	0.68	0.59	0.62	0.48	0.11	btm
	-,	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	39.4
		НФЭ	226	232	234	238	244	241	237	240	241	252		
	494	Vel	06.0	0.82	0.81	0.82	0.80	0.75	0.68	0.69	0.54	0.10	btm	
(feet)	7	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	35.7	
bank		Hdg	240	239	241	239	246	242	243	242	285			
m left	464	Vel	0.78	0.82	0.75	0.74	0.72	0.66	0.61	0.57	0.14	btm		
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.2		
Dista		Над	235	236	241	241	238	239	239	248	148			
	433	Vel	0.76	0.76	0.10	0.70	0.64	0.63	0.58	0.30	0.11	btm		
	ľ	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	31.3		
	:	НФВ	229	237	233	231	222	224	231	235				
	394	Vel	0.71	0.69	0.61	0.62	0.55	0.58	0.38	0.09	btm			
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1				

Table 72.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)-

564         594         624         664         664         699           Dpth         Vel         Hdg         Dpth         Vel         Vel         Vel         V						Dist	Distance from left bank (feet)	m left	bank	(feet)					
Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth           1         0.76         227         4.1         0.80         233         4.1         0.79         233         4.1         0.79         233         4.1           1         0.72         231         7.4         0.80         236         7.4         0.78         234         7.4         0.81         235         7.4           2         0.71         233         10.7         0.87         234         13.9         0.74         234         13.9           2         0.71         233         10.7         0.82         234         17.2         0.74         234         13.9           2         0.69         237         17.2         0.77         234         13.9         0.74         234         13.9           2         0.68         239         20.5         0.77         234         27.1         0.76         238         20.5         20.7         23.8         17.2         0.74         23.8         0.66         23.8         0.66         23.8         0.74         27.1         0.76         23.8         0.76         23.		564			594			624			564			693	1
1. 0.76 227 4.1 0.80 233 4.1 0.79 233 4.1 0.79 230 4.1  4. 0.72 231 7.4 0.80 236 7.4 0.78 234 7.4 0.81 235 7.4  7. 0.71 233 10.7 0.87 236 10.7 0.82 231 10.7 0.81 233 10.7  9. 0.67 236 13.9 0.77 234 13.9 0.75 234 13.9 0.74 234 13.9  1. 0.69 237 17.2 0.77 236 17.2 0.75 230 17.2 0.75 231 17.2  1. 0.68 239 20.5 0.75 231 20.5 0.82 228 20.5 0.70 232 20.5  1. 0.67 236 23.8 0.80 234 27.1 0.70 230 27.1 0.60 229 27.1  2. 0.68 235 27.1 0.75 234 27.1 0.70 230 27.1 0.60 229 27.1  3. 0.64 229 30.3 0.70 236 30.3 0.66 226 30.3 0.55 231 30.3  6. 0.58 235 33.6 0.66 237 33.6 0.71 221 33.6 0.53 228 33.6  9. 0.59 237 36.9 0.63 239 36.9 0.63 227 36.9 0.57 225 36.9  1. 0.60 247 40.2 0.35 259 40.2 0.50 244 40.2 0.49 233 40.2  1. 0.60 btm 44.5 btm 45.3 btm 46.3 btm 46.9	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Нфд
1 0.76 227 4.1 0.80 233 4.1 0.79 233 4.1 0.79 230 4.1  1 0.72 231 7.4 0.80 236 7.4 0.78 234 7.4 0.81 235 7.4  1 0.72 231 10.7 0.87 236 10.7 0.82 231 10.7 0.81 235 7.4  2 0.69 237 17.2 0.77 236 17.2 0.75 230 17.2 0.75 231 17.2  2 0.69 237 17.2 0.77 236 17.2 0.75 230 17.2 0.75 231 17.2  3 0.64 229 20.5 0.75 234 27.1 0.70 236 27.1 0.60 229 27.1  3 0.64 229 30.3 0.70 236 237 36.9 0.63 220 30.3 0.55 231 30.3  6 0.58 235 33.6 0.66 237 33.6 0.71 221 33.6 0.57 225 36.9  9 0.59 237 36.9 0.63 239 36.9 0.63 227 36.9 0.57 225 36.9  1 0.70 247 40.2 0.35 259 40.2 0.50 244 40.2 0.49 233 40.2  6 btm 43.5 0.09 209 43.5 btm 46.4 btm 46.9	•		1 0 0	•	c c	0		ľ	Ċ	•	r	C C	*		0
7         0.71         233         10.7         0.82         231         10.7         0.81         233         10.7           9         0.67         236         13.9         0.75         234         13.9         0.74         234         13.9           2         0.69         237         17.2         0.77         236         17.2         0.75         230         17.2         0.75         231         17.2         0.75         231         17.2         0.75         231         17.2         0.75         231         17.2         0.75         231         17.2         0.75         231         17.2         0.75         231         17.2         0.75         231         17.2         0.75         231         17.2         0.75         231         17.2         0.75         231         17.2         0.76         232         20.5	7.4	0.72	231		0.80	236		0.78	234	7 . T	. «	235	•	0.00	232
9         0.67         236         13.9         0.77         234         13.9         0.75         234         13.9         0.74         234         13.9         0.75         230         17.2         0.75         230         17.2         0.75         230         17.2         0.75         230         17.2         0.75         230         17.2         0.75         230         17.2         0.75         230         17.2         0.75         230         17.2         0.75         230         17.2         0.75         230         17.2         0.75         238         0.74         227         20.5         0.70         23.8         0.74         227         23.8         0.66         233         20.5           1         0.67         236         27.1         0.70         236         30.3         0.66         23         27.1         0.66         226         30.3         0.55         231         30.3           1         0.58         237         36.9         0.63         237         36.9         0.63         227         36.9         0.57         228         36.9           2         0.10         247         40.2         0.29         244         40.2 </td <td></td> <td>0.71</td> <td>233</td> <td></td> <td>0.87</td> <td>236</td> <td></td> <td>0.82</td> <td>231</td> <td>10.7</td> <td></td> <td>233</td> <td>10.7</td> <td></td> <td>230</td>		0.71	233		0.87	236		0.82	231	10.7		233	10.7		230
2         0.69         237         17.2         0.77         236         17.2         0.75         231         20.5         0.75         228         17.2         0.75         231         20.5         0.82         228         20.5         0.70         232         20.5	•	0.67	236	•	•	234		•	234		•	234	•	0.89	231
5         0.68         239         20.5         0.75         231         20.5         0.82         228         20.5         0.70         232         20.5         23.8         23.8         23.8         0.74         227         23.8         0.66         23.8 <td>•</td> <td>0.69</td> <td>237</td> <td>•</td> <td>•</td> <td>236</td> <td>•</td> <td>•</td> <td>230</td> <td>17.2</td> <td>•</td> <td>231</td> <td>•</td> <td>0.86</td> <td>232</td>	•	0.69	237	•	•	236	•	•	230	17.2	•	231	•	0.86	232
8         0.70         236         23.8         0.80         234         23.8         0.74         227         23.8         0.66         23.8         0.66         23.8         0.70         23.8         0.70         23.8         0.71         0.60         229         27.1         0.70         230         27.1         0.60         229         27.1         27.1         0.70         230         27.1         0.70         230         27.1         0.70         230         27.1         27.1         0.60         27.1         27.1         0.65         27.1         30.3         0.71         27.1         33.6         0.55         23.1         30.3           9         0.58         235         36.9         0.63         239         36.9         0.63         227         36.9         0.57         225         36.9           9         0.59         237         40.2         0.50         244         40.2         0.49         233         40.2           6         btm         43.5         0.09         209         43.5         0.04         300         43.5         0.09         309         43.5           6         btm         44.5         btm         45.3	•	0.68	239	•	•	231	•	•	228	20.5	•	232	20.5	0.85	230
.1       0.67       235       27.1       0.75       234       27.1       0.70       230       27.1       0.66       229       27.1       0.66       229       27.1       0.66       231       30.3         .6       0.58       235       33.6       0.70       221       33.6       0.53       228       33.6         .9       0.59       237       36.9       0.63       239       36.9       0.63       227       36.9       0.57       225       36.9         .2       0.10       247       40.2       0.35       259       40.2       0.50       244       40.2       0.49       233       40.2         .6       btm       43.5       0.09       209       43.5       0.04       300       43.5       0.09       309       43.5		0.70	236	•	•	234	23.8	•	227	23.8	•	233	23.8	0.80	232
3 0.64 229 30.3 0.70 236 30.3 0.66 226 30.3 0.55 231 30.3 6 0.58 235 33.6 0.66 237 33.6 0.71 221 33.6 0.53 228 33.6 9 0.59 237 36.9 0.63 239 36.9 0.63 227 36.9 0.57 225 36.9 2 0.10 247 40.2 0.35 259 40.2 0.50 244 40.2 0.49 233 40.2 6 btm 43.5 0.09 209 43.5 0.04 300 43.5 0.09 309 43.5 44.5 btm 45.3 btm 46.3 btm 46.4 btm 46.9	•	0.67	235	•	•	234	•	•	230	27.1	•	229	27.1	0.77	229
.6 0.58 235 33.6 0.66 237 33.6 0.71 221 33.6 0.53 228 33.6 .9 0.59 237 36.9 0.63 239 36.9 0.63 227 36.9 0.57 225 36.9 .2 0.10 247 40.2 0.35 259 40.2 0.50 244 40.2 0.49 233 40.2 .6 btm 43.5 0.09 209 43.5 0.04 300 43.5 0.09 309 43.5 .4 4.5 btm 45.3 btm 46.4 btm 46.9	•	0.64	229	•	•	236	•	•	226	30.3	•	231	30.3	0.75	232
.9 0.59 237 36.9 0.63 239 36.9 0.63 227 36.9 0.57 225 36.9	•	0.58	235	•	•	237	•	•	221	ω,	•	228	33.6	0.70	230
.2 0.10 247 40.2 0.35 259 40.2 0.50 244 40.2 0.49 233 40.2 .6 btm 43.5 0.09 209 43.5 0.04 300 43.5 0.09 309 43.5 45.3 btm 46.4 btm 46.9	•	0.59	237	•	•	239	•	•	227	9	.5	225	9	0.66	229
.6 btm 43.5 0.09 209 43.5 0.04 300 43.5 0.09 309 43.5 43.5 44.5 btm 45.3 btm 46.4 btm 46.9	•	0.10	247	•	ω.	259	•	•	244	0	0.49	233	。	0.59	226
.5 btm 45.3 btm 46.4 btm 46.9	9.	btm		•	•	209	•	•	300	3	°.	309	3	0.32	254
				.5	btm		5.3	btm		6.4	btm		6.9	btm	

Table 72.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)-

Vel       Hdg       Dpth       Vel       Hdg       Dpth       Vel         0.95       229       4.1       0.96       219       4.1       0.74         0.91       231       7.4       0.91       222       7.4       0.78         0.91       232       10.7       0.87       223       10.7       0.78         0.98       230       13.9       0.90       226       13.9       0.74         0.83       221       17.2       0.83       226       17.2       0.67         0.83       226       17.2       0.74         0.83       226       17.2       0.74         0.83       226       17.2       0.67         0.83       226       17.2       0.67         0.83       226       17.2       0.67         0.79       221       22.3       20.5       0.76         0.79       221       27.1       0.74       225       27.1       0.68         0.78       228       30.3       0.66       232       33.6       0.60         0.74       227       36.9       0.67       234       36.9       0.60         0				Dist	Distance from left bank (feet)	m left	bank	(feet)					
A.1         0.95         229         4.1         0.96         219         4.1         0.74           7.4         0.91         231         7.4         0.91         222         7.4         0.78           10.7         0.91         232         10.7         0.87         223         10.7         0.78           10.7         0.91         232         10.7         0.87         223         10.7         0.73           13.9         0.88         230         13.9         0.90         226         13.9         0.74           17.2         0.83         231         17.2         0.83         226         17.2         0.67           20.5         0.83         228         20.5         0.78         223         20.5         0.70           23.8         0.82         224         23.8         0.75         221         23.8         0.63           27.1         0.79         221         27.1         0.74         225         27.1         0.68           30.3         0.78         226         30.3         0.73         228         30.3         0.64           33.6         0.74         227         36.9         0.67			762			791			821			860	
4.1       0.95       229       4.1       0.96       219       4.1       0.74         7.4       0.91       231       7.4       0.91       222       7.4       0.78         10.7       0.91       232       10.7       0.78         10.7       0.91       222       7.4       0.78         13.9       0.88       230       13.9       0.73         20.5       0.83       226       17.2       0.67         20.5       0.83       228       20.5       0.78       223       20.5       0.70         23.8       0.82       224       23.8       0.75       221       23.8       0.63         27.1       0.79       221       27.1       0.74       225       27.1       0.68         30.3       0.78       228       30.3       0.73       228       30.3       0.64         33.6       0.74       227       36.9       0.67       234       36.9       0.60         40.2       0.69       236       40.2       0.54       245       40.2       0.31         43.5       0.21       259       43.5       0.03       30.3       43.5	ндд	Dpth	Vel	нда	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Нфд
4.1       0.95       229       4.1       0.96       219       4.1       0.74         7.4       0.91       231       7.4       0.91       222       7.4       0.78         10.7       0.91       222       7.4       0.78         13.9       0.88       230       13.9       0.90       226       13.9       0.74         17.2       0.83       231       17.2       0.83       226       17.2       0.67         20.5       0.83       228       20.5       0.78       223       20.5       0.70         23.8       0.82       224       23.8       0.75       221       23.8       0.63         27.1       0.79       221       27.1       0.74       225       27.1       0.68         30.3       0.78       226       30.3       0.73       228       30.3       0.64         35.9       0.74       227       36.9       0.66       232       33.6       0.60         40.2       0.69       236       40.2       0.54       245       40.2       0.55         43.5       0.21       259       43.5       0.031													
7.4       0.91       231       7.4       0.91       222       7.4       0.78         10.7       0.91       232       10.7       0.87       223       10.7       0.73         13.9       0.98       230       13.9       0.90       226       13.9       0.73         20.5       0.83       231       17.2       0.83       226       17.2       0.67         20.5       0.82       224       23.8       0.75       221       23.8       0.63         27.1       0.79       221       27.1       0.74       225       27.1       0.68         30.3       0.78       228       30.3       0.73       228       30.3       0.64         33.6       0.78       226       33.6       0.66       232       33.6       0.60         36.9       0.74       227       36.9       0.67       234       36.9       0.60         40.2       0.69       236       40.2       0.54       245       40.2       0.35         43.5       0.21       259       43.5       0.08       30.3       43.5       0.31	230	4.1	•	229		σ.	219	•	_	232	4.1	0.79	227
10.7     0.91     232     10.7     0.87     223     10.7     0.73       13.9     0.88     230     13.9     0.90     226     13.9     0.74       17.2     0.83     231     17.2     0.83     226     17.2     0.67       20.5     0.83     226     17.2     0.67       20.5     0.83     226     17.2     0.67       23.8     0.82     224     23.8     0.75     221     23.8     0.63       27.1     0.79     221     27.1     0.74     225     27.1     0.68       30.3     0.78     226     33.6     0.66     232     33.6     0.60       36.9     0.74     227     36.9     0.67     234     36.9     0.60       40.2     0.69     236     40.2     0.54     245     40.2     0.55       43.5     0.21     259     43.5     0.031     0.31	235		•	231	•	•	222		0.78	233	7.4	0.75	229
13.9       0.88       230       13.9       0.90       226       13.9       0.74         17.2       0.83       231       17.2       0.83       226       17.2       0.67         20.5       0.83       228       20.5       0.78       223       20.5       0.70         23.8       0.82       224       23.8       0.75       221       23.8       0.63         27.1       0.79       221       27.1       0.74       225       27.1       0.68         30.3       0.78       226       30.3       0.73       228       30.3       0.64         33.6       0.74       227       36.9       0.67       234       36.9       0.60         40.2       0.69       236       40.2       0.54       245       40.2       0.55         43.5       0.21       259       43.5       0.08       30.3       43.5       0.31	234	0	•	232	10.7	•	223	0	•	236	10.7	0.72	231
17.2       0.83       231       17.2       0.83       226       17.2       0.67         20.5       0.83       228       20.5       0.78       223       20.5       0.70         23.8       0.82       224       23.8       0.75       221       23.8       0.63         27.1       0.79       221       27.1       0.73       228       27.1       0.68         30.3       0.78       228       30.3       0.73       228       30.3       0.64         33.6       0.74       227       36.9       0.67       234       36.9       0.60         40.2       0.69       236       40.2       0.54       245       40.2       0.55         43.5       0.21       259       43.5       0.08       30.3       43.5       0.31	230	3.	•	230	•	•	226	ω,	•	236	13.9	•	230
20.5       0.83       228       20.5       0.78       223       20.5       0.70         23.8       0.82       224       23.8       0.75       221       23.8       0.63         27.1       0.79       221       27.1       0.74       225       27.1       0.63         30.3       0.78       228       30.3       0.73       228       30.3       0.64         33.6       0.74       227       36.9       0.67       234       36.9       0.60         40.2       0.69       236       40.2       0.54       245       40.2       0.55         43.5       0.21       259       43.5       0.08       303       43.5       0.31		7.	•	231	17.2	•	226	17.2	•	234	17.2	0.72	226
23.8       0.82       224       23.8       0.75       221       23.8       0.63         27.1       0.79       221       27.1       0.74       225       27.1       0.68         30.3       0.78       228       30.3       0.73       228       30.3       0.64         33.6       0.78       226       33.6       0.66       232       33.6       0.60         36.9       0.74       227       36.9       0.67       234       36.9       0.60         40.2       0.69       236       40.2       0.54       245       40.2       0.55         43.5       0.21       259       43.5       0.08       303       43.5       0.31		0	•	228	20.5	•	223	20.5	•	235	20.5	•	226
27.10.7922127.10.7422527.10.6830.30.7822830.30.7322830.30.6433.60.7822633.60.6623233.60.6036.90.7422736.90.6723436.90.6040.20.6923640.20.5424540.20.5543.50.2125943.50.0830343.50.31		ω,	•	224	•	•	221	23.8	•	231	23.8	0.76	$^{\circ}$
30.30.7822830.30.7322830.30.6433.60.7822633.60.6623233.60.6036.90.7422736.90.6723436.90.6040.20.6923640.20.5424540.20.5543.50.2125943.50.0830343.50.31		7	•	221	•	•	225	27.1	•	230		•	229
33.6       0.78       226       33.6       0.66       232       33.6       0.60         36.9       0.74       227       36.9       0.67       234       36.9       0.60         40.2       0.69       236       40.2       0.54       245       40.2       0.55         43.5       0.21       259       43.5       0.08       303       43.5       0.31	84 232	0	•	228	•	•	228	30.3	•	233	•	0.79	227
36.9 0.74 227 36.9 0.67 234 36.9 0.60 40.2 0.69 236 40.2 0.54 245 40.2 0.55 43.5 0.08 303 43.5 0.31		e,	•	226		•	232	ω,	•	235	33.6	0.74	
40.2 0.69 236 40.2 0.54 245 40.2 0.55 43.5 0.21 259 43.5 0.08 303 43.5 0.31		ė.	•	2	•	•	3		9.	240	•	0.75	
43.5 0.21 259 43.5 0.08 303 43.5 0.31		ö	9.	3	0	.5	4	0	.5		40.2	0.62	
		ω.	2	2	ω,	•	0	•	ε.	292	43.5	0.22	262
6.7 btm 46.2 btm 47.		6.7	btm		6.2	btm		47.1	btm		47.5	btm	

Table 72,-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)-Continued

Ö	Õ	Q	Ä	ist	Distance fro	from left bank (feet)	bank	(feet)					
888			918	i i		958			686			1,021	
Vel	Hdg	Dpth	Vel	НЧЭ	Dpth	Vel	Hdg	Dpth	vel	Ндд	Dpth	Vel	нда
ο.	220	4.1	ω.	$\sim$	•	•	229	•	1.0		4.1		232
6.	225	7.4	0.90	223	7.4	0.99	230	7.4	0.89	234	7.4	0.90	234
ο.	225	10.7	0.86	$^{\circ}$	10.7	•		10.7	0.88	235	10.7	0.85	237
9	226		0.82	$^{\circ}$		0.97	235	•	0.82	234		0.85	234
6.	223	7	0.89	$^{\circ}$	17.2	1.0	231	17.2	0.82	235		0.86	234
6.	225		0.85	$\sim$	•	0.98	230	20.5	0.80	233		0.83	233
ο.	224	ë,	0.84	$^{\circ}$	23.8	0.95	233	23.8	0.81	232		0.81	232
ω.	223	7	•	$^{\circ}$	•	0.98	234		0.76	231		•	233
ο.	223	Ö	ω.	$\sim$	30.3	•	231	0	0.74	227		0.84	230
ο.	220	ω,	0.81	$^{\circ}$		•	235	ж	•	227		0.82	233
	218	ė,	0.84	$\sim$	36.9	0.88	236	36.9	0.70	229		0.77	230
0.82	225	40.2	0.72	3	40.2	0.79	233	40.2	0.64	231	40.2	0.79	230
	217	ω̈́.	0.31	263	43.5	0.64	242	43.5	0.55	239		0.66	232
0.11	196	ė.	0.02	113	46.8	0.07	277	46.8	0.20	254		0.40	256
btm		ω.	btm		49.1	btm		50.4	btm			0.08	221
											51.4	btm	

Table 72.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
1,	., 051			1,082			1,121		-	1,151			1,180	
Dpth Ve	Н	ндд	Dpth	Vel	Hdg	Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	над
	96.	230	4.1	1.1	226	4.1	1.1	230	4.1	1.2	226	4.1	1.2	224
7.4 0.	96.	230	7.4	1.0	230	7.4	1.1	235	7.4	1.2	232	7.4	1.2	227
10.7 0.	68.	231	10.7	1.0	236	10.7	1.0	234	10.7	1.1	233	10.7	1.2	231
3.9	.91	235	ю	1.0	232	13.9	1.0	232	13.9	1.2	230	•	1.2	233
7.2	.85	237	17.2	0.95	234	17.2	1.0	234	17.2	1.1	230	17.2	1.1	231
0.5	.87	236	0	0.92	234	20.5	0.99	232	20.5	1.1	227	•	1.1	230
3.8	.89	232	e.	•	232	•	•	232	23.8	0.97	225	•	0.99	224
7.1	. 93	230	7.	0.91	233	27.1	0.98	231	27.1	0.86	231	27.1	0.89	226
0.3	.89	227	0	0.93	233	•	0.93	232	30.3	0.82	234		0.77	223
3.6	.81	224	ω,	0.88	232	33.6	0.90	235		0.70	233	33.6	•	221
6.9	.82	228	ė.	0.82	231	•	0.81	233	•	0.58	229	•	0.55	216
0.2	.70	223	。	0.71	232	•	0.72	237	40.2	0.47	236	40.2	0.15	251
3.5	.70	232	ω.	0.64	234	43.5	0.66	239	43.5	0.30	250	44.6	btm	
8.9	.67	247	6	0.62	242	46.8	0.42	243	48.3	btm				
50.0	.08	267	50.0	0.17	274	50.0	0.16	300						
ď			3.3	btm		2.0	btm							

Table 72.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,219	_		1,249			1,287		•	1,315	į		1,344	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Над
4.1	1.1	226	4.1	1.0	231	4.1	1.1	225	4.1	0.98	232	4.1	0.90	231
7.4	1.1	228	7.4	1.0	231	7.4	1.0	226	7.4	0.98	231	7.4	0.76	229
10.7	1.1	230	10.7	0.99	230	10.7	0.97	227	10.7	0.83	231	10.7	0.66	230
•	1.1	229	13.9	0.98	231	13.9	0.85	229	13.9	0.77	227	13.9	0.65	228
	1.1	228	17.2	0.94	231	17.2	0.87	227	17.2	0.61	222	17.2	0.41	241
20.5	0.97	228	20.5	0.88	230	20.5	0.82	224	20.5	0.44	231	20.5	0.09	302
	•	225	23.8	0.79	230	23.8	0.71	224	23.8	0.21	182	22.4	btm	
•	•	227	27.1	0.66	230	27.1	0.45	221	26.6	btm				
•	0.78	226	30.3	0.57	236		btm							
•	•	227	33.6	0.49	240									
•	•	233		btm										
	•	249												
	btm													

Table 72.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,382			1,410			1,446			1,476			1,480	
Dpth	Vel	НФд	Dpth	Vel	Нфд	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Нфд
۲.	0.76	231	4.1	0.64	237	4.1	0.42		4.1	0.24		4.1	0.15	
4.	0.69	234	7.4	0.62	243	7.4	0.40		7.4	0.20		7.4	0.14	163
.7	0.58	235	10.7	0.57	242	10.7	0.37	230	10.7	0.20	235	10.7	0.03	9
o.	0.52	234	13.9	0.42	245	13.9	0.30		13.9	0.22			btm	
17.2	0.37	238	17.2	0.19	303	17.2	0.05			btm				
5.	0.10	313	5	btm		20.2	btm							
	btm													

Table 73.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	64			100			131			162			194	
Dpth	Dpth Vel	Ндд	Dpth Vel	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	Ндд
4.1	4.1 0.15	204	4.1	0.36		4.1	0.54		4.1	0.68		4.1	0.84	289
7.4	0.11		7.4	0.29	277	7.4	0.36		7.4	0.63		7.4	0.76	296
10.1	btm		10.7	0.10		10.7	0.37	281	10.7	0.61	290	10.7	0.78	293
			14.3	btm		13.9	0.10		13.9	0.47		13.9	0.62	286
							btm		17.2	0.11		17.2	0.27	294
										btm		20.5	0.22	254
													btm	

Table 73.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst)Continued

		l Hdg						92	.90 294	91	24	
	351	Vel	1 1.3			9 1.2	7	0	0	0	0	.6 btm
		Dpth	4.	7.	10.	13.	17.	20.	23.8	27.	30.	33.
		над							301			
	318	Vel	1.1	0.94	0.91	0.82	0.80	0.82	0.85	0.48	0.32	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	31.6
bank		Нфд	290	291	293	293	298	304	302	267		
om left	295	Vel	1.2	1.1	1.0	0.97	0.92	0.89	0.61	0.27	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	28.7	
Dist		Нфд	286				288		250			
	260	Vel	1.0	0.92	0.89	0.90	0.85	0.58	0.10	btm		
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	25.4		
		Нфд	287	293	296	290	294	284				
	227	Vel	1.0						btm			
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	22.8			

Table 73.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst)-Continued

		над	289	288	290	289	289	286	292	296	303	299		
	522	Vel	1.6	1.5	1.5	1.5	1.4	•	1.2	1.1	0.99	0.42	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	37.5	
		ндд	289	290	291	294	291	290	297		311	340	326	
	488	Vel	1.2	1.2	1.2	1.2	1.1	1.0	0.99	0.88	0.69	0.34	0.04	btm
(feet)	4	Dpth	4.1	7.4	10.7	13.9	•	20.5	23.8	27.1	30.3	33.6	36.9	37.8 1
bank		над	288	289	286	289	286	289	295	294	299	319		
m left	453	Vel	1.3	1.3	1.2	1.2	1.1	1.0	0.92	0.88	0.63	0.16	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.7	
Dista		над	287	286	290	290	288	291	296	297	301	304		
	418	Vel	1.3	1.3	1.2	1.2	1.1	1.0	1.0	96.0	0.46	0.08	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	35.0 1	
		Ндд	285	285	286	291	291	293	289					
	384	Vel	1.3	1.3	1.2	1.1	1.1	1.0	0.92	0.91	0.50	0.07	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6		

Table 73.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst)Continued

685	Vel Hdg	, ,	1.4 292	1.3 291	1.3 291	1.2 290	1.1 292		.87	.84	0.72 290			u:
39	Dpth		4. L	4.	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	38.2 btm
	Hdg	c c	200	787	289	290	291	288	292	290	288	285		
650	Vel	·	7.7	7.7	1.2	1.2	1.2	1.1	1.2	1.1	0.78	0.40	btm	
Distance from left bank (feet)	Dpth	•	4. t	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	38.0 k	
	Hdg	2	784	282	283	283	285	284				313		
n leit 616	Vel	,	γ.	۲.	1.3	1.3	1.3	1.3	1.2	1.1	0.72	0.18	btm	
ince iro	Dpth	7	4, t	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	37.0 E	
122	Ндд	C	282	296	296	291	291	290	288	294	285	315		
581	Vel	•	. 4	T .	1.5	1.4	1.4	1.5	1.4	1.1	99.0	0.15	btm	
	Dpth		<del>.</del> .	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.8 1	
	Hdg	Ç	787	987	285	288	287	286	288	295	300	304		
557	Vel	,	γ. τ γ. τ	7.7	1.2	1.2	1.2	1.1	0.97	0.92	0.78	0.14	btm	
	Dpth	7	4, t	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	σ.	

Table 73.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst)-Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
719 753					ı		776			608			843	
Vel Hdg Dpth Vel Hdg	Dpth Vel	Vel		Нда		Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	нда
		c	c	Ç	r	5	·	000	-	<del>г.</del> п	a	-	<del>ر</del> ت	a C
1 ()	7.4 1.6 2	1 (1	1 (1	1 0	85	7.4	1.1	283	7.4	. 4.	290	7.4	1.5	2 8
10.7 1.5 2	10.7 1.5 2	1.5 2	(1)	0	88	10.7	1.3	284	10.7	1.3	292	10.7	1.5	28
13.9 1.5 2	13.9 1.5 2	1.5 2	.5 2	29	õ	13.9	1.3	284	13.9	1.2	293	13.9	1.3	287
.1 293 17.2 1.4 2	17.2 1.4 2	1.4 2	.4	Ø	91	17.2	1.2	284	17.2	1.1	294	17.2	1.2	28
1.0 292 20.5 1.4 2	20.5 1.4 2	1.4 2	.4	8	94	20.5	1.2	282	20.5	1.1	293	20.5	1.2	28
.99 291 23.8 1.3 2	23.8 1.3 2	1.3 2	.3	0	93	23.8	1.1	283	23.8	1.2	290	23.8	•	27
0.84 293 27.1 1.2 2	27.1 1.2 2	1.2 2	Ø	0	94	27.1	1.1	289		1.1	291	27.1	1.2	280
.78 297 30.3 1.1 2	30.3 1.1 2	1.1 2	.1 2	2	76	30.3	0.98	289	30.3	1.1	287	30.3	•	28
304 33.6 0.80 2	04 33.6 0.80 2	0.80	.80 2	7	86	33.6	0.93	298	33.6	1.0	287	33.6	1.1	282
0.08 343 36.9 0.08 20	3 36.9 0.08 2	6.9 0.08 2	.08	7	90	36.9	0.10	294	36.9	0.40	294	36.9	0.67	291
btm 39.0 btm			btm			40.0	btm		40.8	btm		40.2	0.02	71
												41.8	btm	

Table 73.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	876			911			945		O.	978			1,011	
Dpth	Vel	нфд	Dpth	Vel	ндд	Dpth	Ve1	НФд	Dpth	Vel	Hdg	Dpth	Vel	ндд
4.1	1.4	287	4.1	1.2	290	4.1	1.2	288	4.1	1.0	284	4.1	0.87	284
7.4	1.3	287	7.4	1.3	290	7.4	1.2	286	7.4	0.97	287	7.4	0.86	285
10.7	1.4	291	10.7	1.2	291	10.7	1.2	286	10.7	1.0	285	10.7	0.82	289
13.9	1.3	290	13.9	1.2	288	13.9	•	282	13.9	•	285	13.9	0.81	290
17.2	1.3	290	17.2	1.1	290	17.2	•	280	17.2	0.79	283	17.2	0.74	287
20.5	1.2	291	20.5	1.0	293	20.5	0.88	281	20.5	•	284	20.5	0.71	291
	1.1	289	23.8	0.99	300	23.8	0.82	282	23.8	0.55	284	23.8	0.59	289
•	1.0	288	27.1	0.91	298	27.1	0.72	288	27.1	0.41	286	27.1	0.12	276
•	0.91	289	30.3	0.84	300	30.3	0.46	295	30.3	0.08	205	29.1	btm	
	0.79	291	33.6	0.45	296	33.6	0.17	208	32.1	btm				
•	0.45	297	36.9	0.03	83	35.2	btm							
•	0.05	190	8.4	btm										
41.1	btm													

Table 73.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst)Continued

		Нфд	6 278									
	1,166	Vel	0.26		btm							
		Dpth	4.1	7.4	9.2							
		над	278	344								
	1,143	Vel	0.48	0.05	btm							
(feet)	ļ	Dpth	4.1	7.4	9.6							
bank		Hdg		255	182							
om left	1,111	Vel	0.42	0.17	0.15	btm						
Distance from left bank (feet)		Dpth	4.1	7.4	10.7							
Dist		Hdg	287	290	287	286	276					
	1,078	Vel	0.65	0.59	0.55	0.43	0.22	btm				
		Dpth	4.1	7.4	10.7	13.9	17.2	7.6				
		Hdg	288	288	291	296	295	302	4			
	1,045	Vel	0.77	0.74	0.62	0.61	0.54	0.40	0.23	btm		
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8			

Table 74.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 17, 1992 (1605 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Нфд	198	196	194	196	206	207	213	194	
	187	Vel	2.3	2.2	1.9	1.7	1.5	1.5	1.2	0.59	btm
	1	Dpth	3.3	4.9	9.9	8.2	9.6	11.5	13.1	14.8	17.2 b
		Над	172	174	175	169	168	121			
	162	Vel	2.0	1.8	1.7	1.4	0.93	0.67	btm		
(feet)	₽	Dpth	3.3	4.9	9.9	8.2	8.6	11.5	12.8 b		
bank		Нфд	147	149	136	151					
n right	129	Vel	1.1	1.2	0.89	0.35	btm				
Distance from right bank (feet)		Dpth	3.3	4.9	9.9	8.2	9.8 K				
Dista		Hdg	35	17	270						
	102	Vel	0.13	0.05	0.04	btm					
		Dpth Vel	3.3	4.9	9.9						
		Hdg		255							
	63	Vel	3.3 0.08	0.01	otm						
		Dpth Vel	3.3	4.9	6.7 t						

Table 74.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 17, 1992 (1605 pst)Continued

					Dist	Distance from right bank (feet)	m right	bank	(feet)					
	219			252			275			302			332	
Dpth	Vel	ндд	Dpth	Vel	ндд	Dpth	Vel	Нфд	Dpth	Vel	Ндд	Dpth	Vel	ндд
а. В	3.3	203	3.3	3.6	206	3.3	5.1	207	3.3	4.8	208	ж. Э.	4.7	218
4.9	3.1	205	4.9	3.5	206	4.9	5.0	208	4.9	4.6	207	4.9	4.4	214
9.9	3.0	202		3.3	208	9.9	4.7	208	9.9	4.4	209	9.9	4.4	214
8.2	2.9	206		•	209	8.2	4.2	206	8.2	4.3	208	8.2	4.4	217
8.6	2.7	207	9.8	3.2	212	9.8	4.3	206	8.6	3.8	208	8.6	4.3	215
11.5	5.6	209	11.5	3.1	212	11.5	4.2	207	11.5	_	210	11.5	4.0	217
13.1	2.4	213	13.1	•	212	13.1	4.1	212	13.1	3.3	210	13.1	•	217
14.8	2.5	215		2.9	215	14.8	3.5	217	14.8	2.8	212	14.8	1.0	241
16.4	2.1	212	16.4	2.5	222	16.4	2.1	233	16.4	0.78	234	ω.	btm	
18.0	1.0	241	18.0	0.42	224	18.0	0.02	120	18.0	0.29	82			
19.7	0.33	146	19.7	0.14	39	19.2	btm		18.9	btm				
20.5	btm		<b>ښ</b>	btm										

Table 74.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 17, 1992 (1605 pst)Continued

					Dist	Distance from right bank (feet)	m righ	t bank	(feet)					
	398			428			458			495			527	
Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Над
3.3	4.0	220	3.3	4.8	220	3.3	4.3	218	3.3	9.6	220	3.3	3.7	224
4.9	3.9	220	4.9	4.7	220	4.9	4.0	217	4.9	3.8	220	4.9	3.6	224
9.9	3.9	217	•	4.6	221	9.9	3.9	217	9.9	3.6	218	9.9	3.4	220
	3.9	215	8.2	4.4	222	8.2	3.7	215	8.2	3.3	219	8.2	3.2	221
8.6	3.9	213	•	4.2	223	9.8	3.4	213	8.6	2.4	223	9.8	2.7	224
11.5	3.6	214	11.5	3.5	226	11.5	1.6	207	11.5	0.71	220	11.5	1.1	217
13.1	1.9	213	•	0.53	218	13.1	0.38	248		btm		13.1	0.51	216
14.8	1.0	150	14.9	btm		14.1	btm						btm	
2	btm													

Table 74.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 17, 1992 (1605 pst)Continued

					Dist	Distance from right bank (feet)	m righ	t bank	(feet)					
	561			590			626			658			688	
Dpth	Vel	Hdg	Dpth	Vel	ндд	Dpth	Vel	Hdg	Dpth	Vel	над	Dpth	Vel	над
3.3	3.2		3.3	3.5	214	3.3	2.8	205	3.3	2.8		3.3	2.6	203
4.9	2.8	214	4.9	3.4	215	4.9	2.8	206	4.9	2.7	202	4.9	2.4	202
9.9	2.5		9.9	3.3	217	9.9	2.7	205	9.9	2.4		9.9	2.5	204
8.2	2.5		8.2	3.1	216	8.2	2.4	205	8.2	2.2		8.2	2.3	204
9.8	2.3		9.8	2.8	217	8.6	1.8	202	8.6	1.8		8.6	1.8	204
11.5	1.8		11.5	2.1	220	11.5	0.27	202	11.5	0.75		11.5	0.30	221
13.1	0.62		13.1	0.83	181		btm		13.1	0.24		13.1	0.80	188
14.8	0.16		14.7	btm						btm			btm	
	btm													

Table 74.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 17, 1992 (1605 pst)Continued

		Нфд									
		Vel									
		Dpth									
		Hdg									
		Vel									
(feet)		Dpth									
t bank		Hdg	254	232							
m right	992	Vel	0.75 254	0.42	btm						
Distance from right bank (feet)		Dpth Vel	3.3	4.9	6.9						
Dista	•	Нфд	222	227	239						
	753	Vel	1.8	1.2	0.39	otm					
		Dpth Vel	3.3	4.9	6.6 0.	8.2 1					
		Hdg	206	212	212	207	196	177			
	725	Vel	2.1	2.1	1.9	1.5	0.86	0:30	btm		
		Dpth						11.5			T. Carrier

Table 75.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 19, 1992 (0912 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		над	261	260	264	265	266	268	290	
	206	Vel	3.5	3.2	3.0	2.9	2.7	1.9	0.12	btm
		Dpth	3.3	4.9	9.9	8.2	9.6	11.5	13.1	14.4 K
		над	266	265	264	263	262	252	301	
	173	Vel	3.6	3.3	3.2	2.7	2.4	1.1	0.22	btm
(feet)		Dpth	3.3	4.9	9.9	8.2	9.8	11.5	13.1	٠,
bank		над	270	267	268	266	266	241		
n left	144	Vel	3.5	3.5	3.3	3.0	2.2	0.59	btm	
Distance from left bank (feet)		Dpth		4.9				11.5	13.1 b	
Dista		Ндд	275	277	280	279	298			
	108	Vel	3.3	3.1	2.9	1.4	0.36	btm		
		Hdg Dpth Vel	3.3	4.9	9.9	8.2	9.6	10.7 k		
		Hdg	270	289						
	82	Vel	1.2	0.62	btm					
		Dpth Vel	3.3	4.9	5.9 k					

Table 75.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 19, 1992 (0912 pst)Continued

					Dist	Distance from left bank (feet)	1 E	hank	(feet)					
	239			272			307			341		, ,	366	
Dpth	Vel	Ндд	Dpth	vel	ндд	Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	над
3.3			3.3	3.6	270	3.3	3.8	272	3.3	3.7	269	3.3	3.5	268
4.9			4.9	3.3	267	4.9	3.5	272	4.9	3.5	269	4.9	3.3	267
9.9			9.9	3.3	268	9.9	3.4	271	9.9	3.5	267	9.9	3.3	269
8.2	2.9	263		2.9	268	8.2	3.3	272	8.2	3.5	267	8.2	3.0	270
8.6			8.6	2.6	266	8.6	3.0	276	8.6	3.2	268	8.6	2.7	279
11.5			11.5	1.4	249	11.5	2.1	257	11.5	2.9	266	11.5	2.4	276
13.1			13.1	0.19	278	13.1	0.36	241	13.1	1.3		13.1	1.4	260
14.9 1	btm		14.7	btm		15.1	btm		14.8	0.13		14.8	0.04	195
									15.8	btm		16.4 1	btm	

Table 75.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 19, 1992 (0912 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	404			438			464		•	500			532	
Dpth	Vel	Ндд	Dpth	Vel	над	Dpth	Vel	ндд	Dpth	Vel	над	Dpth	Vel	над
3.3	•	265	3.3	3.9	268	3.3	4.0	268	3.3	3.8	259	3.3	4.4	266
4.9	3.5	263	4.9	•	266	4.9	4.2	266	4.9	3.8	258	4.9	4.4	266
9.9	3.4	265	9.9	•	270	9.9	4.0	269	9.9	3.7	257	9.9	4.0	266
•	•	268	8.2	•	271	8.2		270	8.2	3.7	257	8.2	3.7	267
8.6	2.9	271	9.8	3.4	271	8.6	3.2	272	9.8	3.5	257	9.8	3.5	269
11.5	•	272	11.5	ω.	269	11.5	3.1	271	11.5	3.1	259	11.5	3.2	266
13.1	•	265	13.1	•	269	13.1	2.9	273	13.1	2.9	260	13.1	5.9	266
14.8	•	223	14.8	0.76	240	14.8	1.8	245	14.8	2.2	254	14.8	2.5	270
17.0	btm		16.4	0.04	318	16.4	0.10	266	16.4	0.97	243	16.4	1.7	278
			17.3	btm		17.8 1	btm		18.0	0.22	206	18.0	0.39	312
									18.8	btm		19.5	btm	

Table 75.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 19, 1992 (0912 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
u)	566			598			630			099			069	
2	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
		269	ຕ ຕ	4.3	264	e.	4.1	266		3.2	264	ო	2.6	260
	4.0	273	4.9	4.2	265	4.9	3.8	266	4.9	3.0	264	4.9	2.5	261
		272	9.9	4.1	267	9.9	3.7	268	9.9	2.7	264	9.9	2.4	260
	•	272	8.2	4.0	267	8.2	3.6	270	8.2	2.6	262	8.2	2.1	262
	•	271	8.6	•	267	8.6	3.4	270	8.6	•	264	8.6	1.8	261
2	•	267	11.5	•	266	11.5	3.4	273	11.5	2.5	266	11.5	1.2	249
	•	268	13.1	3.7	266	13.1	3.4	275	13.1	•	272	13.1	0.74	267
	•	265	14.8	٠	270	14.8	3.5	274	14.8	2.0	276	•	0.55	283
	•	263	16.4	3.3	271	16.4	3.3	274	16.4	1.5	282	15.7	btm	
	2.2	258	18.0	•	271	18.0	3.0	274	18.0	0.88	302			
	•	292	19.7	1.5	272	19.7	1.4	267	19.7	btm				
0 btm	Ħ		21.3	0.11	236	21.3	0.17	244						
			⊣.	btm		22.1 1	btm							

Table 75.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 19, 1992 (0912 pst)Continued

		ндд									
		Vel									
		Dpth									
		Hdg									
		Vel									
(feet)		Dpth									
bank	ı	Hdg									
om left		Vel									
Distance from left bank (feet)		Dpth									
Dist		ндд		156		135					
	748	Vel	0.28	0.35	0.23	0.07	btm				
		Dpth	3.3	4.9	9.9	8.2	10.0				
		Над	233	237	240	244	230	74			
	718	Vel	0.86	0.86	0.86	0.90	0.43	0.12	btm		
		Dpth	3.3	4.9	9.9	8.2	8.6	11.5			

Table 76.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom;]

		Hdg	312	
	274	Vel	5.7 0.09 312	btm
		Dpth	5.7	6.9 btm
		Ндд	358	
	244	Vel	5.7 0.10 358	tm
(feet)	7	Dpth	5.7	6.8 btm
bank		ндд	97	
n left	205	Vel	5.7 0.05 97	tm
Distance from left bank (feet)		th Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	5.7	6.7 btm
Dista		Ндд	0	
	171	Vel	5.7 0.02 0	tm
		Dpth	5.7	6.5 btm
		Ндд	196	
	140	Vel	5.7 0.07 196	tm
		Dpth Vel Hdg Dp	5.7	6.4 btm

Table 76.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)-

431	Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	5.7 0.04 349 9.2 btm
	Dpth	5.7 0 9.2 btm
	ндд	339
399	Vel	5.7 0.13 339 8.4 btm
	Dpth	5.7 0 8.4 btm
Dalik	над	15
39e	Vel	5.7 0.02 15 7.7 btm
Distance from left bank (feet) 366	Dpth	5.7 0 7.7 btm
	Над	17
335	Vel	5.7 0.13 17 7.3 btm
	Dpth	5.7 0 7.3 btm
	Ндд	200
304	Dpth Vel Hdg	0.10 200 otm
	Dpth	5.7 0 7.1 btm

Table 76.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	463			507			540			562			595	
Dpth	Dpth Vel Hdg Dptl	НФд	d	Vel Hdg Dpth	Hdg	Dpth	Vel	НФВ	Vel Hdg Dpth Vel Hdg	Vel	Брн	Dpth Vel Hdg	Ve1	Нфд
5.7	5.7 0.15 10.0 btm	48	5.7	.7 0.05 262	262	5.7 0 12.3 btm	5.7 0.18 259 .2.3 btm	259	5.7 0 12.3 0	5.7 0.13 287 12.3 0.16 129	287 129	5.7 0 12.3 0	5.7 0.29 264 12.3 0.07 319	264 319
									1	ון ניון		1	יייי	

Table 76.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)-Continued

				Dist	Distance from left bank (feet)	m left	bank	(feet)	3				
- !			671			704			726			760	
Dpth Vel	ндд	Hdg Dpth Vel	vel	ндд	Dpth	Vel	Ндд	Dpth Vel	1	Hdg	Dpth	Vel	Ндд
9	256	5.7	0.36	247	5.7	0.38	251	5.7	0.43	246	5.7	0.49	256
က	47	12.3	12.3 0.01 0	0	12.3	0.17 265	265	12.3	0.37	245	12.3	0.44	256
15.2 btm		16.5	btm		18.9	0.08	12	18.9	0.14	261	18.9	0.38	254
					20.3 btm	btm		25.3 btm	btm		25.4	0.21	318
											29.7 btm	btm	

Table 76.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)-Continued

				Dist	Distance from left bank (feet)	m left	bank	(feet)					
ļ			828			862			968			931	
	Ндд	Dpth Vel	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Над
	244	5.7	0.53	246	5.7	0.65	243	5.7	0.65	241	5.7	0.75	247
	247	12.3	0.48	250	12.3	0.62	244	12.3	0.64	245	12.3	0.76	246
	244	18.9		247	18.9	0.61	245	18.9	0.67	242	18.9	0.78	246
0.28	241	25.4	0.49	245	25.4	0.62	243	25.4	0.68	240	25.4	0.78	245
_	333	32.0	0.21	251	32.0	0.58	243	32.0	0.66	237	32.0	0.73	244
		39.6	btm		38.6	0.10	299	38.6	0.32		38.6	0.68	247
					43.4	btm		45.1	0.08	14	45.1	0.12	304
								46.6	btm		49.6	btm	

Table 76.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)-Continued

988
oth Vel Hdg
0.77
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32.0 0.81 244
U
U
4.1 btm

Table 76.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)-Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	1,129			1,153	!		1,187			1,222		į	1,256	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	Hdg
5.7	0.90	241	5.7	0.88	241	5.7	0.91		5.7	0.87	236	5.7	0.88	235
12.3	0.90		12.3	0.88	243	12.3	•		12.3	0.88	240	12.3	0.87	239
18.9	0.87		18.9	0.86	241	18.9	•		18.9	0.87	239	18.9	0.85	237
25.4	0.86		25.4	0.87	240	25.4	•		25.4	0.83	240	25.4	0.88	238
32.0	0.83	240	32.0	0.87	239	32.0	0.88	237	32.0	0.84	241	32.0	0.86	237
38.6	0.80		38.6	0.88	238	38.6	0.87		38.6	0.84	239	38.6	0.84	236
45.1	0.75		45.1	0.87	237	45.1	0.86		45.1	0.82	236	45.1	0.79	234
51.7	0.61		51.7	0.83	240	51.7	0.80	236	51.7	0.80	239	51.7	0.77	236
58.2	0.03	0	58.2	0.05	284	58.2	0.09	245	58.2	0.28	257	58.2	0.40	242
61.9	btm		ω.	btm		63.9	btm		64.8	0.04	30	64.8	0.04	217
									65.4	btm		9.99	btm	

Table 76.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)-Continued

		Над	246	244	241	242	239	238	235	235	240	291	
	1,418	vel	0.79	0.76	0.73	0.71	0.69	0.64	0.63	0.62	0.56	0.12	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	69.8
		Над	241	243	238	240	243		242	242	244	260	
	1,383	Vel	0.82	0.81	0.77	0.73	0.69	0.68	0.68	0.61	0.59	0.17	btm
(feet)	Н	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.2 1
bank		Hdg	247	249	244	243	245	243	241	241	244	279	
m left	1,348	Vel	0.83	0.79	0.80	0.80	0.76	0.78	0.80	0.79	0.75	0.16	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	70.9
Dista		Hdg	239	244	243	243		239			238	254	
	1,325	vel	0.83	0.85	0.86	0.87	0.87	0.81	0.75	0.73	0.69	0.07	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	69.9
		Ндд	242	246	248	247	248	245	244	243	248	0	
	1,290	vel	08.0	08.0	0.83	0.84	0.81	0.78	0.74	0.72	0.56	0.07	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	68.1 b

Table 76.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)-

	1,545	. Vel Hdg Dpth Vel Hdg	0.78	0.80 237 12.3	0.85 237 18.9 0.78	4 0.82 238 25.4 0.78 239	0.75	6 0.66 235 38.6 0.60 243	1 0.49 240 50.1 btm	.7 0.41 331	2 btm		
ink (feet		Hdg Dpth	241 5.7	244 12.3	240 18.9	239 25.4		231 38.6	232 45.1	247 51.	54.2		
Distance from left bank (feet)	1,522	Vel Ho	0.80	0.85	0.87	0.85	0.86	0.86	0.81 23	0.29	btm		
stance fr	ļ	Dpth	5.7	12.3		25.4	32.0		45.1		59.1		
Dia	<u>~</u>	Hdg	3 239	7 240	3 240				2 231	0 235	7 304		
	1,488	Vel	0.93	0.87	0.83	0.78	0.79	0.83	0.82	0.70	0.17	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	63.4	
		Hdg						235				324	
	1,453	Vel	0.88	0.81	0.77	0.75	0.69	0.64	0.67	0.68	0.42	0.18	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	67.4

Table 76.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)-Continued

1,683	- 1		1,644	1,644	1,644
vel	Dpth	Hdg Dpth	Hdg		n Vel Hdg
	വ	237	237	237	5.7 0.44 237
3 0.48	12.3	241		.3 0.47 241	.3 0.47 241
	18	239	239	239	18.9 0.50 239
	25	237		.4 0.42 237	25.4 0.42 237
31.0 btm	31	31		.1 btm	38.1 btm
					316

Table 77.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	78
	431	vel	5.7 0.06 9.9 btm
	7	Dpth Vel Hdg	5.7 0 9.9 btm
		Hdg	116
	399	Vel	5.7 0.02 116 8.7 btm
(feet)	(,,	Dpth Vel Hdg	5.7 0 8.7 btm
bank		Hdg	202
n left	356	Vel	5.7 0.08 202 7.9 btm
Distance from left bank (feet)		th Vel Hdg Dpth Vel Hdg	5.7 0 7.9 btm
Dista		Hdg	249
	334	Vel	5.7 0.06 249 7.2 btm
		Dpth	5.7 0 7.2 btm
		Hdg	274
	302	Vel	5.7 0.12 274 6.3 btm
		Dpth Vel	5.7 0 6.3 btm

Table 77.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)Continued

	ן מ	7 2
	над	237
593	Vel	5.7 0.34 12.3 0.03 15.6 btm
	Dpth Vel	5.7 0. 12.3 0. 15.6 btm
	Hdg	254 228
557	Vel	5.7 0.29 254 12.3 0.10 228 13.9 btm
	Dpth Vel Hdg	5.7 0. 12.3 0. 13.9 btm
bank		244
m left 521	Vel	0.27 244 0.17 184 btm
Distance from left bank (feet)	Hdg Dpth Vel Hdg	5.7 0. 12.3 0 13.0 btm
Dista	НФд	231
498	Vel	5.7 0.12 231 2.1 btm
	Dpth Vel	5.7
	Hdg	209
464		5.7 0.09 209 1.0 btm
	Dpth vel	5.7 0 11.0 btm

Table 77.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)Continued

630 Dpth Vel Hdg		Dpth	653 Vel	Dista	Distance from left bank (feet)  687  Hdg Dpth Vel Hdg Dpth	m left 687 Vel	bank	1	723 Vel	НФФ	Dpth	759 Vel	Hdg
				1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
247 5.7 0.49	5.7 0.49	49	235		5.7	0.49		5.7	0.61	238	5.7	0.65	7
0.22 263 12.3 0.41 237	12.3 0.41	41	237		12.3	0.46	231	12.3	0.52	240	12.3	0.61	237
275 18.9 0.17	18.9 0.17	17	231		18.9	0.38		18.9	0.47	238	18.9	0.53	241
	25.9 btm	btm			25.4	0.03		25.4	0.36	248	25.4	0.51	237
					30.3	btm		32.0	0.11	302	32.0	0.29	242
									btm		38.6	0.10	292
												btm	

Table 77.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)-Continued

1				Diate	Distance from left bank (feet)	m left	bank	(feet)					
			819			856			892			917	
Hdg Dpth	э¢р		Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
		l											
334 5.7	5.7		0.74	232	5.7	0.79	235	5.7	0.71	233	5.7	0.85	235
12.3	12.3		0.69	234	12.3	0.75	239	12.3	0.67	236	12.3	0.85	237
18.9	18.9		0.68	235	18.9	0.75	237	18.9	0.68	234	18.9	0.83	239
	25.4		0.61	234	25.4	0.72	239	25.4	0.67	232	25.4	0.78	238
237 32.0	32.0		0.57	233	32.0	0.71	240	32.0	0.64	235	32.0	0.73	236
	38.6		0.26	236	38.6	0.61	241	38.6	0.59	233	38.6	0.72	236
45.8 b		Ω	btm		45.1	0.09	293	45.1	0.12	235	45.1	0.50	241
					48.9 k	btm		51.6	btm		51.7	0.12	208
											53.6	btm	

Table 77.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	955			980			1,018		<b></b>	1,055			1,079	
Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.85	235	5.7	0.78	232	5.7	0.87	233	5.7	0.82	236	5.7	0.95	231
12.3	0.84	239	12.3	0.78	235	12.3	0.87	237	12.3	0.82	238	12.3	0.93	233
18.9	0.82	239	18.9	0.79	233	18.9	0.84	236	18.9	0.82	236	18.9	0.91	235
25.4	0.79	240	25.4	0.79	231	25.4	0.84	235	25.4	0.82	238	25.4	0.92	235
32.0	0.75	241	32.0	0.76	232	32.0	0.83	237	32.0	0.82	239	32.0	0.91	234
38.6	0.75	239	38.6	0.75	232	38.6	0.78	237	38.6	0.78	242	38.6	0.91	235
45.1	0.10	239	45.1	0.70	235	45.1	0.76	237	45.1	0.77	240	45.1	0.86	236
51.7	90.0	246	51.7	0.13	235	51.7	0.39	244	51.7	0.60	244	51.7	0.82	235
	btm			btm		58.2	0.07	221	58.2	0.03	318	58.2	0.08	228
						59.2	btm		60.7	btm		61.9	btm	

Table 77.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)-Continued

		Hdg	235	238	235	238	237	239	240	236	237	349	
	1,244	Vel	0.71	0.72	0.73	0.72	0.71	0.75	0.76	0.73	0.66	0.04	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	68.7
		над	235	236	235	234	236	237	237	233	240	264	
	1,218	Vel	0.79	0.78	0.77	0.77	0.79	0.79	0.77	0.71	0.47	0.03	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	
bank		Над	236	237	233	233	235	234	234				
m left	1,179	Vel	0.92	0.91		0.89	0.88	•	0.82	0.81	0.36	0.07	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	65.7
Dista		над	231	234	234	231	231	231	231	233	241		
	1,154	Vel	0.90	0.87	0.88	0.85	0.82	0.83	0.81	0.76	0.22	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.3	
		Ндд	232	234	234	233	232	230	232	233	192		
	1,116	Vel	0.81	0.83	0.79	0.76	0.77	0.74	0.75	0.74	0.03	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	63.0 k	

Table 77.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)-Continued

		Ндд	236	237	236	235	235	234	233	235			
	1,415	Vel	06.0	0.91	0.84	0.87	0.86	0.82	0.80	0.54	btm		
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	60.0		
		Ндд	235	234	235	233	233	232	227	230	238		
	1,375	Vel	0.93	0.93	0.94	0.91	06.0	0.88	0.82	0.77	0:30	btm	
(feet)	-	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	63.9 b	
 bank		Нфд	240	239	239	237	239	239	236	233	238	279	
m left	1,349	Vel	0.91	0.90	0.89	0.86	0.84	0.84	0.82	0.75	0.55	0.12	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	67.3 E
Dista		Hdg	230	231	231	230	231	233	231	226	233	260	
	1,309	Vel	0.86	0.80	0.73	0.72	0.72	0.67	0.65	0.65	0.58	0.02	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	68.7
		Ндд	233	234	233	232	232	234	233	233	232	273	
	1,283	Vel	0.77	0.76	0.74	0.74	0.70	0.71	0.73	0.10	0.62	0.05	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	

Table 77.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)Continued

		Ндд		244						
5	1,578	Vel	0.78	0.79	0.75	0:30	btm			
		Dpth	5.7	12.3	18.9	25.4	32.1			
		Hdg	226	229	230	234	258			
	1,540	Vel	0.70	0.70	0.70	0.72	0.42	btm		
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.9		
bank		Ндд	234	235	236	236	240	262		
n left	1,516	Vel	0.80	0.80	0.80	0.79	0.75	0.18	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	43.7 k	
Dista		Нфд	237	238	238	232	233	238	273	
	1,479	Vel	0.87	0.82	0.85	0.82	0.81	0.68	0.15	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6	45.1	7
		Ндд	235	237	236	238	239	237	239	
	1,440	Vel	0.93	0.91	96.0	0.88	0.84	0.82	0.78	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	55.6 1

Table 77.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)-

		ldg	
		<b>ц</b>	
		Ve]	
		Dpth Vel Hdg	
		Ндд	
		Vel	
(feet)		Dpth	
bank		Hdg	
m left		Vel	
Distance from left bank (feet)		th Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	
Dista		над	243
	1,628	Vel	7 0.61 243 3 0.18 281 9 btm
		Dpth	5.7 0. 12.3 0. 16.9 btm
	•	Ндд	242 242 291
	1,611	Vel	0.63 0.62 0.50 btm
		Dpth Vel Hdg	5.7 12.3 18.9 26.3 k

Table 78.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 06, 1992 (1410 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	693			131			164		, ,	192			220	
Dpth	Dpth Vel	Ндд	ΩĎ	ch vel	НФд	Dpth Vel	Vel	Ндд	Dpth	Vel	Hdg	Dpth Vel	Vel	Нфд
4.1			4.1	0.38		4.1	0.56		4.1	0.73	225	4.1	0.87	224
7.4	0.24	217	7.4	0.45	230	7.4	0.56	216	7.4	0.85	225	7.4	0.96	222
10.7			10.7	0.43		10.7	0.69	217	10.7	0.88	236	10.7	1.0	222
13.7	Ω		13.9	0.30		13.9	0.58		13.9	0.89	231	13.9	0.95	225
			18.9	btm		17.2	0.57	214	17.2	0.85		17.2	0.92	223
						20.5	0.45		20.5	0.78		20.5	0.84	228
						24.4	btm		23.8	0.65	224	23.8	0.82	220
									28.8	btm		27.1	0.52	220
													btm	

Table 78.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 06, 1992 (1410 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	259			289			321			352			384	
Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	vel	Hdg
4.1	0.90	229	4.1	0.95	225	4.1	1.2	223	4.1	1.3	226	4.1	1.5	227
7.4	1.0	228	7.4	1.0	225	7.4	1.3	225	7.4	1.3	227	7.4	1.4	226
10.7	1.0	229	10.7	1.0	227	10.7	1.2	224	10.7	1.3	226	10.7	1.4	224
13.9	1.1	229	13.9	1.2	227	13.9	1.3	222	13.9	1.3	228	13.9	1.3	230
17.2	۲. ۲.	228	17.2	1.2	226	17.2	1.2	223	17.2	1.3	228	17.2	1.3	231
20.5	1.0	232		1.1	224	20.5	1.2	223	20.5	1.1	228		1.3	228
23.8	1.1	233	•	1.1	226	23.8	1.3	226	23.8	1.1	229	23.8	1.3	224
27.1	0.94	227	•	0.92	227	27.1	1.3		27.1	•	228	27.1	1.4	231
30.3	0.55	235	30.3	0.81	226	30.3	1.1		30.3	1.1	236	30.3	1.2	223
34.8	btm			0.48	220	33.6	06.0		33.6	0.95	230	33.6	1.1	226
			0.	btm		36.9	0.13		36.9	0.44	222	36.9	1.0	227
						40.3	btm		40.2	0.18	317	40.2	0.11	236
									42.4	btm		44.6	btm	

Table 78.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 06, 1992 (1410 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	418			452			485		-,	517			547	
Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	ндд
4.1	1.4	229	4.1	1.3	227	4.1	1.3	227	4.1	1.3	230	4.1	1.4	227
7.4	1.5	230	7.4	1.3	227	7.4	1.3	229	7.4	1.3	227	7.4	1.3	226
•	1.5	229	10.7	1.3	225	10.7	1.3	225	10.7	1.3	225	10.7	1.3	227
13.9	1.4	230	13.9	1.3	225	13.9	1.3	227	13.9	1.3	227	13.9	1.4	227
•	1.4	232	17.2	1.3	224	17.2	1.4	228	17.2	1.3	229	17.2	1.4	230
	1.4	233	20.5	1.3	225	20.5	1.3	227	20.5	1.3	230	20.5	1.3	232
	1.3	233	23.8	1.3	225	23.8	1.3	227	23.8	1.3	229	23.8	1.3	233
•	•	234	•	1.3	226	27.1	1.3	232	27.1	1.3	232	27.1	1.3	230
•	1.1	228	•	1.2	231	30.3	1.3	230	30.3	1.2	232	30.3	1.3	232
•	•	230		1.1	232	33.6	1.2	229	33.6	1.1	232	33.6	1.2	232
•	•	234	•	1.0	225	•	1.1	227	36.9	1.0	234	36.9	1.1	231
	0.80	230	40.2	0.89	230	40.2	1.1	231	40.2	0.98	235	40.2	1.1	231
•	•	217	•	0.14	193	43.5	0.63	231	43.5	0.90	237	43.5	1.1	229
ω.	btm		۳.	btm		49.7	btm		46.8	0.29	227	46.8	0.41	238
									50.0	0.02	225	50.0	0.09	237
									51.1	btm		7	btm	

Table 78.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 06, 1992 (1410 pst)-Continued

		Hdg	219	220	221	223	224	226	226	223	227	225	225	225	225	221	226	228	
	714	Vel	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.0	0.99	06.0	0.82	0.79	0.53	btm
	-	Dpth	4.1	7.4	10.7							33.6				•	50.0	•	58.9
		Над	225	223	222	224	224	226	227	228	227	230	227	227	231	225	222	202	
	619	Vel	•	1.2	•	1.2	•	•	1.2	•	1.2	1.1	1.1	1.0	1.1	•	0.79	0.31	btm
(feet)	9	Dpth	4.1	7.4	10.7	13.9	•	20.5	23.8	•	•	33.6	36.9	•	43.5	•	0	ω,	57.9 b
bank		ндд	226	225	224	227	226	226	229	229	230	233	231	232	230	229	224	220	
from left bank (feet)	646	Vel	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.3	•	1.2	1.2	•	0.96	0.92	0.48	0.17	btm
ance fro		Dpth	4.1	7.4	10.7	13.9		20.5	23.8		•	33.6	36.9		43.5	•	。	53.3	56.4 1
Distance		Нфд	226	222	223	223	226	226	226	226	228	227	229	227	228	232	223		
	612	Vel	•	1.2	•	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.0	0.92	0.24	btm	
		Dpth	4.1	7.4	10.7		17.2			7.	ő.	33.6	. 9		•	46.8	•	54.6 1	
		Hdg	225	224	226	228	229	228	229	229	230	229	229	229	230	232	252		
	579	Vel	•	•	•	1.3	•	•	•	•	•	1.2	•	•	•	6.	0.19	btm	
		Dpth	4.1	•	0	ω,	7	0	ω,	7.	0	33.6	9	0	æ.	9	•	3.2	

Table 78.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 06, 1992 (1410 pst)-

					Distance	1	from left bank	bank	(feet)					
	737			773			811			836			873	
Dpth	Vel	Над	Dpth	Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	Hdg	Dpth	Vel	над
4.1	•	N	4.1	1.1	225	4.1	1.1	⊣		0.92	~	4.1	0.89	217
	•	N	7.4	1.1	223	7.4	1.1	$^{\circ}$		•	$^{\circ}$	7.4	•	219
<i>。</i>	•	N	0	1.1	225	10.7	1.1	0	10.7	0.94	$^{\circ}$	0	0.99	223
3.	•	0	3	1.1	227	ω.	1.1	0	ω.	0.98	$^{\circ}$	ω.	96.0	223
17.2	1.2	225	17.2	1.1	228	17.2	1.0	225	17.2	0.98	224	17.2	1.0	224
0	•	N	0	1.2	229	0	1.1	0	0	0.95	$^{\prime\prime}$	0	•	223
ω,	•	2	3	•	227	e,	1.1	0	ω.	0.98	$^{\circ}$	3.	•	223
7.	•	N	7	1.1	227	7	•	0	7.	0.94	$^{\circ}$	7	ω.	219
	•	2	0	•	229	。	•	0	0	•	ന	0	œ.	216
ж.	•	0	3	1.0	230	e,	0.97	0	æ.	0.83	ന	ω.	0.80	222
9	•	2	9	6.	232	9	0.90	0	6	•	$^{\prime\prime}$	9	۲.	225
0	6.	2	0	0.88	234	0	0.91	$^{\circ}$	0	0.84	$^{\circ}$	0	0.46	222
ω,	96.0	2	$^{\circ}$	ω.	228	ω.	0.81	N	•	0.44	က	6.3	btm	
٠.	ο.	3	9	0.72	231	ė.	0.63	B	ė.	0.22	155			
0	0.90	2	0	0.67	238	0	0.41	Н	0.0	btm				
3.	9.	3	3	0.29	242	4.0	btm							
٠.	0.12	2	7.0	btm										
8.7	btm													

Table 78.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 06, 1992 (1410 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank						
	606			933			968			1,001			1,038	ŀ
Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	Ндд
4.1	•	228	4.1	0.58	219	4.1	0.70		4.1	0.67	230	4.1	0.69	233
7.4	0.79	226	7.4	0.62	211	7.4	0.80	227	7.4	0.72	234	7.4	0.66	241
10.7	•	227	10.7	0.72	224	10.7	0.75	227	10.7	0.71	230	10.7	0.64	242
13.9	•	227	13.9	0.74	227	13.9	0.80	228	13.9	0.67	237	13.9	0.39	257
17.2	•	227	17.2	0.77	232	17.2	0.80	227	17.2	0.54	245	18.2	btm	
20.5	0.91	230	20.5	0.78	229	20.5	0.81	233	20.5	0.37	247			
23.8	•	232		0.66	229	23.8	0.76	230	24.7	btm				
27.1	0.80	226		09.0	238	27.1	0.41	242						
30.3	•	226	30.3	0.47	242	31.1	btm							
33.6	0.58	229	5.3	btm										
36.9	0.38	179												
40.4	btm													

Table 78.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 06, 1992 (1410 pst)Continued

1		_	
		Hdg	
		Vel	
	10 mm	Dpth	
		Ндд	
		Vel	
(feet)		Dpth	
bank		Hdg	
om left		Vel	
Distance from left bank (feet)		Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel	
Dista		Ндд	
		Vel	
		Dpth	
		Ндд	239
	1,053	Dpth Vel Hdg	4.1 0.38 7.4 0.37 12.0 btm
		Dpth	4.17.4

Table 79.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 18, 1992 (1230 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg			294			
	189	vel	1.7	1.7	1.6	1.4	0.16	otm
	,,	Dpth	4.1	7.4	10.7	13.9	17.2 0.	19.9 k
		Над			297			
	158	Vel	1.6	1.6	1.4	0.47	btm	
(feet)	Τ.	Dpth Vel	4.1	7.4	10.7	13.9	17.5 b	
bank		Hdg	291	291	286	206		
n left	127	Vel	1.3	1.2	0.56	0.02	btm	
Distance from left bank (feet)		Dpth			10.7		14.6 b	
Dista		ндд	285	280				
	86	Vel	0.77	0.26	tm			
		Dpth Vel	4.1	7.4 0.	9.6			
			326					
	59	vel	4.1 0.07 326	t m				
		Dpth Vel Hdg	4.1	4.8 E				

Table 79.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 18, 1992 (1230 pst)Continued

		Ндд	298	301	302	306	307	306	306	307	
	357	Vel	2.1	2.2	2.1	2.0	1.9	1.8	1.5	0.65	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	
		Hdg	296	296	296	297	301	300	306	78	
	324	vel	2.1	2.1	2.0	1.9	1.9	1.7	1.3	0.10	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	
bank		Hdg	289	291	292	292	294	294	271		
m left	292	vel	2.2	2.2	2.1	2.0	1.8	1.7	0.41	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8		
Dista		Hdg	296	295	298	297	297	290	33		
	251	Vel	2.2	2.1	2.0	1.9	1.7	0.86	0.07	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	24.7	
		Hdg	296	297	295	294	292	156			
	220	vel	1.9	1.8	1.8	1.6	1.1	0.03	btm		
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5			

Table 79.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 18, 1992 (1230 pst)-Continued

		l Hdg			0 300		9 300	.8 300	7 299	5 295	3 297	16 260	
	519	Vel			7 2.0		1.	Н	3 1.	1.	3 1.	0	) btm
		Dpth	4.	7.4	10.7	13.8	17.2	20.	23.8	27.1	30.3	33.6	36.0
		над	295	297	300	303	303	302					
	487	Vel	2.0	2.0	2.0	1.9	1.9	1.9	1.7	1.5	0.98	0.04	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	35.0
bank		ндд	296	297	299	301	302	302	303				
om left	455	Vel	2.0	2.0	2.0	2.0	1.9	1.8		1.5	0.39	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.9	
Dist		над	295	296	298	299	299	298	298	298	266		
	422	Vel	2.0	2.1	2.0	1.9	1.8	1.8	1.7	1.5	0.11	btm	
		Dpth	4.1	7.4	10.7		17.2			27.1		33.0	
		над	296	297	302	302	305	304	303	297	146		
	391	Vel	2.0	2.1	2.0	1.9	1.8	1.7	1.5	0.93	0.09	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3		

Table 79.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 18, 1992 (1230 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
ŀ	550			580			619			648			677	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
1.	1.8	292	4.1	1.6	290	4.1	1.5	288	4.1	1.5	289	4.1	1.5	287
4.	1.8	294	7.4	1.8	293	7.4	1.6	289	7.4	1.6	291	7.4	1.5	287
.7	1.8	296	10.7	1.8	293	10.7	1.7	291	10.7	1.7	292	10.7	1.5	287
13.9	1.9	298	13.9	1.9	296	13.9	1.8	294	13.9	1.7	294	13.9	1.6	287
7.	1.8	298	•	1.8	295	17.2	1.8	296	17.2	1.8	296	17.2	1.6	290
5.	1.7	299	20.5	1.7	296	20.5	1.7	297	20.5	1.8	296	20.5	1.7	291
ω.	1.7	300	•	1.6	297	23.8	1.7	298	23.8	1.7	298	23.8	1.7	292
۲.	1.5	298	•	1.5	6	27.1	1.6	297	27.1	1.7	296	27.1	1.6	292
۳.	1.4	295	30.3	1.5	295	30.3	1.6	294	30.3	1.6	293	•	1.5	293
9.	0.54	292	•	1.2	293	33.6	1.4	292	33.6	1.4	291	33.6	1.1	295
6.	0.40	284	36.9	0.29	244	36.9	0.61	290	36.9	0.64	305	36.9	0.34	304
37.3 1	btm		٣.	btm		40.8 1	btm		40.9	btm		40.0	btm	

Table 79.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 18, 1992 (1230 pst)Continued

					Dist	ance fr	Distance from left bank (feet)	bank	(feet)					
	716			743			780			608			839	
Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	Нфд
4.1	1.3	287	4.1	1.2	281	4.1	1.2	286	4.1	1.3	286	4.1	1.2	298
7.4	1.3	286	7.4	1.2	283	7.4	1.2	287	7.4	1.2	286	7.4	1.1	297
10.7	1.4	288	10.7	1.1	283	10.7	1.2	286	10.7	•	285	10.7	1.0	293
13.9	1.4	290	13.9	1.1	280	13.9	1.1	283	13.9	1.2	285	13.9	0.64	300
17.2	1.4	290	17.2	1.1	282	17.2	1.1	280	17.2	0.98	290	17.2	0.04	333
20.5	1.5	293	20.5	1.1	286	20.5	1.0		20.5	0	295		btm	
23.8	1.4	291	23.8	1.0	286	23.8	0.65		24.8	btm				
27.1	1.3		27.1	0.84	293	27.1	0.12	298						
30.3	0.95		30.3	0.41	316	29.1	btm							
33.6	0.36		4.	btm										
37.1	btm													
i •	<u> </u>													

Table 79.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 18, 1992 (1230 pst)Continued

Distance from left bank (feet)	006	Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	.1 0.54 280 .4 0.36 334 .6 btm
istance for		dg Dpth	80 34
A	006	Vel H	.36
		Dpth	4.1 7.4 8.6
		Hdg	291 292 313 325
	872	Vel	1.0 4.1 0.88 0.29 0.29
		Dpth Vel	1.0 4.1 4.1 7.4 0.88 10.7 0.29 13.9 0.21 14.4 btm

Table 80.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992 (1206 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Нфд	288	289	290	286	251	
	191	Vel	2.8	2.8	5.6	2.1	0.23	btm
		Dpth Vel	4.1	7.4	10.7	13.9	17.2	
		Hdg	290	291	292	310		
	162	Vel	2.4	2.3	1.9	0.09	tm	
(feet)	1	Dpth Vel	4.1	7.4	10.7	13.9 0.	16.4 b	
bank		ндд		290				
n left	133	Vel	2.3	1.9	0.37	tm tm		
Distance from left bank (feet)		Dpth Vel Hdg	4.1 2.3	7.4	10.7	13.4 b		
Dista		над	290					
	96	th Vel	1.8	0.52	btm			
		Dpth			9.7 1			
		Hdg	285					
	63	Dpth Vel Hdg	4.1 0.11 285	otm				
		Dpth	4.1	4.7				

Table 80.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992 (1206 pst)-Continued

		Над						279		.6 200	
	360	Vel	3.2	3,3	3.2	3.2		2.7	1.6	0.16	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.5
		ндд	274	274	275	275	275	276	237	290	
	324	Vel	3.3	3.2	3.2	3.1	2.8	5.6	1.1	0.63	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	28.1
bank		Ндд	272	272	273	272	273	269	273		
m left	291	Vel	3.3	3.2	3.1	3.0	2.8	1.9	0.57	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	25.7	
Dist		над	279	279	280	279	279	262			
	260	Vel	3.2	3.2	3.0	2.9	2.5	0.67	btm		
		Dpth Vel	4.1	7.4	10.7	13.9	17.2	20.5	23.5		
		Hdg	284	283	282	283	279	247			
	227	Vel	3.1	2.9	2.8	5.6	1.3	0.04	btm		
		Dpth vel	4.1	7.4	10.7	13.9	17.2	20.5			

Table 80.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992 (1206 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	387			425			453		•	490	!		520	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	vel	Hdg	Dpth	vel	Нфд	Dpth	Vel	НФВ
4.1	3.2		4.1	3.2	279	4.1	3.1	277	4.1	3.2	278	4.1	2.9	281
7.4	3.2		7.4	3.2	280	7.4	3.1	277	7.4	3.1	278	7.4	2.9	281
10.7	3.2		10.7	3.1	280	10.7	3.1	277	10.7	3.1	279	10.7	2.8	281
13.9	3.2		13.9	3.2	280	13.9	3.1	278	13.9	3.1	278	13.9	2.9	281
17.2	3.1		17.2	•	280	17.2	3.0	278	17.2	3.1	280	17.2	2.9	283
20.5	2.8		20.5	2.9	280	20.5	2.9	279	20.5	3.0	278	20.5	2.8	283
23.8	2.1	274	23.8	2.6	278	23.8	2.7	276	23.8	2.8	279	23.8	2.7	281
27.1	0.67		27.1	1.2	248	27.1	1.8	261	27.1	2.4	277	27.1	2.4	279
	btm		30.3	0.29	308	30.3	0.46	252	30.3	0.76	246	30.3	1.3	265
			0.	btm			btm		34.1	btm		33.6	0.68	313
													btm	

Table 80.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992 (1206 pst)Continued

		Hdg	274	275	276	276	275	273	272	269	267	271		
	687	Vel	3.1	3.1	3.1	3.1	3.1	3.0	2.8			0.59	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6		
		Hdg	275	274	275	276	276	277	274	272	268	269	259	
	651	Vel	3.1	3.2	3.1	3.1	3.1	•	•	5.6	2.4	2.0	0.10	btm
(feet)	9	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	
bank		Над	277	278	278	279	279	278	277	276	275	272	273	
m left	623	Vel	3.0	3.0	3.0	2.9	2.9	2.8	2.7	5.6	2.3	2.1	0.38	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	39.7 k
Dista		Hdg	277	276	278	277	278	278	276	274	274	266	284	
	586	Vel	2.9	2.9	2.8	2.8	2.8	2.8	5.6	2.5	•	1.6	0.59	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	38.8
		Hdg	278	279	279	280	279	279	278	276	270	272		
	557	Vel	2.9	2.9	2.9	2.8	2.7	2.7	5.6	2.4	1.9	0.87	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	ი	

Table 80.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992 (1206 pst)Continued

Hdg Dpth  1 274 4.1 1 275 7.4 9 275 13.9 9 273 17.2 7 269 20.5 3 253 23.8						
Dpth Vel Hdg Dpth Ve 4.1 3.1 274 4.1 2 7.4 3.1 275 7.4 3 10.7 3.1 276 10.7 3 13.9 2.9 275 13.9 2 17.2 2.9 273 17.2 2 20.5 2.7 269 20.5 1 23.8 1.3 253 23.8 0		812			846	
4.1 3.1 274 4.1 2 7.4 3.1 275 7.4 3 10.7 3.1 276 10.7 3 13.9 2.9 275 13.9 2 17.2 2.9 273 17.2 2 20.5 2.7 269 20.5 1 23.8 1.3 253 23.8 0	l Hdg	Dpth Vel	г над	Dpth	Vel	над
4.1 3.1 274 4.1 2 7.4 3.1 275 7.4 3 10.7 3.1 276 10.7 3 13.9 2.9 275 13.9 2 17.2 2.9 273 17.2 2 20.5 2.7 269 20.5 1 23.8 1.3 253 23.8 0						
7.4 3.1 275 7.4 3 10.7 3.1 276 10.7 3 13.9 2.9 275 13.9 2 17.2 2.9 273 17.2 2 20.5 2.7 269 20.5 1 23.8 1.3 253 23.8 0				4.1	2.4	271
10.7 3.1 276 10.7 3 13.9 2.9 275 13.9 2 17.2 2.9 273 17.2 2 20.5 2.7 269 20.5 1 23.8 1.3 253 23.8 0		7.4 2.		7.4	2.2	271
13.9     2.9     275     13.9     2       17.2     2.9     273     17.2     2       20.5     2.7     269     20.5     1       23.8     1.3     253     23.8     0				10.7	1.1	278
17.2     2.9     273     17.2     2       20.5     2.7     269     20.5     1       23.8     1.3     253     23.8     0	9 277	13.9 1.8	8 270	13.9	0.66	303
20.5 2.7 269 20.5 1 23.8 1.3 253 23.8 0					btm	
23.8 1.3 253 23.8 0	5	19.9 btm				
7 10 0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	17					
Z/.1 U.16 Z43						

Table 80.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992 (1206 pst)Continued

Distance from left bank (feet)	Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	
stance from lef	g Dpth Vel	
Di	Dpth Vel Hd	
998	Dpth Vel Hdg D	4.1 2.09 265 7.4 0.56 307 10.4 btm
	Dpth	4.17.4

Table 81.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 25, 1992 (0946 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

	200	Dpth Vel Hdg	1.7	1.5			17.7 btm
		Hdg			308		
	165	Vel	1.4	1.4	0.92	0.09	tm
(feet)	<b>-</b>	Dpth Vel	4.1	7.4	10.7	13.9 0.	15.5 b
bank		Hdg	315	314	313		
n left	132	Ve1	1.4	1.3	0.40	tm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7 0.	13.9 b	
Dist		Hdg	307	306			
	101	ch vel	1.2	0.42	otm		
	:	Dpth	4.1	7.4	10.9 btm		
		1	296				
	64	Dpth Vel Hdg	4.1 0.21	otm			
		Dpth	4.1	6.3 btm			

Table 81.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 25, 1992 (0946 pst)-Continued

		НФд	300	302	301	302	295	294	328	
	358	Vel	1.9	1.7	1.7	1.6	1.4	1.1	0.20	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	26.5 1
		ндд						296		
	324	Vel	1.8	1.8	1.6	1.4	1.3	0.72	0.13	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	25.2 1
bank		НФЭ	304	304	301	299	299	298		
m left	291	Vel	1.7	1.6	1.6	1.3	1.2	0.05	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5		
Dista		Нфд	301	302	303	302	295	279		
	257	Vel	1.8	1.7	1.5	1.3	0.91	0.08	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5		
		Нфд	306	306	302	302	293			
	234	Vel	1.7	1.6	1.5	1.3	0.47	btm		
		Dpth	4.1	7.4	10.7	13.9	17.2			

Table 81.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 25, 1992 (0946 pst)Continued

		Hdg	289	289	289	289	288	287	289	289	45	
	525	Vel	1.9	1.9	1.9	1.8	1.7	1.6		0.79	0.00	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	31.4
		НЧЭ	291	292	289	290	288	288	285	308		
	485	Vel	2.0	1.9	1.9	1.8	1.8	1.7	1.5	0.24	btm	
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.1	
bank		НФЭ	293	294	293	293	294	293	294	42		
m left	456	vel	2.0	2.0	1.9	1.8	1.7	1.5	1.2	0.13	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.3	
Dist		ндд	295	295	295	296	294	293	296	09		
	424	Vel	2.0	2.0	2.0	1.9	1.7	1.5	0.99	90.0	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	28.3	
		Hdg	299	301	300	299	298	295	303	183		
	391	Vel	2.0	2.0	1.9	1.7	1.7	1.4	0.59	90.0	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1		

Table 81.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 25, 1992 (0946 pst)Continued

		Hdg	284	284	287	284	283	283	280	284	288		
	689	Vel	1.6	1.6	1.5	1.5	1.4	-	1.2	0.73	0.52	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	32.4	
		Ндд	287	287	288	288	285	286	283	282	287	349	
	650	Vel	1.8	1.8	1.7	1.7	1.7	1.5	1.5	1.4	0.70	0.05	btm
(feet)	_	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	34.9
bank		Hdg	287	288	287	286	286	284	281				
m left	621	Vel	1.9	1.9	1.8	1.7	1.7	1.5	1.5	1.5	0.98	0.16	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	35.6
Dista		Hdg	286	287	285	284	282	284	283	278	278	119	
	592	Ve1	1.9	1.9	1.8	1.8	1.7	1.5	1.5	1.4	0.87	0.08	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	35.1
		Hdg	288	289	289	288	288	287	287	284	310		
	554	Vel	1.9	1.8	1.8	1.8	1.6	1.5	1.5	1.3	0.19	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.3 1	

Table 81.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 25, 1992 (0946 pst)Continued

		ндд									
		Vel									
		Dpth									
		ндд		286	285						
	803	Vel	1.1	1.1	0.36	btm					
(feet)	w	Dpth	4.1	7.4	10.7	13.7 1					
bank	ĺ	ндд	297	296	300	300	307				
m left	785	Vel	1.5	1.4	1.3	0.97	0.76	btm			
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	19.5			
Dista		над	288	288	287	284	287	297			
	756	Vel	1.6	1.5	1.5	1.5	1.2	0.56	btm		
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	24.0 1		
		Hdg	285	283	282	282	285	286	285		
	717	Vel	1.5	1.5	1.4	1.4	1.4	1.2	0.70	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8		

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

	1	dg	47
		Ħ	rV
	177	Ve1	5.7 0.05 47 8.3 btm
		Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	5.7 0 8.3 btm
		Над	124
	141	Vel	5.7 0.13 124 7.9 btm
(feet)		Dpth	5.7 0 7.9 btm
bank		Hdg	130
m left	116	Vel	5.7 0.08 130 8.0 btm
Distance from left bank (feet)		Dpth	5.7 0 8.0 btm
Dista		Hdg	178
	87	Vel	5.7 0.11 178 3.1 btm
		Dpth	5.7 0 8.1 btm
		Hdg	276
	53	Vel	0.06 276 otm
		Dpth	5.7 0. 8.0 btm

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	206			236			274			303			332	
Dpth	Dpth Vel	Hdg	ď	Vel	Над	th Vel Hdg Dpth Vel Hdg	Vel	Hdg	Dpth	Vel	Над	Dpth Vel Hdg Dpth	Vel	Над
5.7 0 8.5 btm	0.10 115 btm	115	5.7 0 9.3 btm	5.7 0.07 151 9.3 btm	151	5.7 0 10.1 btm	5.7 0.05 151 10.1 btm	151	5.7	5.7 0.10 76 10.9 btm	92	5.7 0 11.4 btm	5.7 0.13 106 11.4 btm	106

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

		1 Hdg	5.7 0.01 104	
	491	. Ve	.7 0	13.0 btm
		Dpt	2	13
		Hdg	93	
	460	Vel	5.7 0.06 93	btm
(feet)		Dpth	5.7	12.8 btm
bank		ндд	81	
m left	429	Vel	5.7 0.05 81	btm
Distance from left bank (feet)		Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel	5.7	12.7 btm
Dist		над	15	
	400	Vel	5.7 0.05 15	btm
		Dpth	5.7	12.3 btm
		Ндд	26	
	363	Vel	5.7 0.07	btm
		Dpth	5.7	11.8 btm

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

				Dista	Distance from left bank (feet)	m left	bank	(feet)					
529			559		İ	290			622			658	
Vel	opth Vel Hdg	Dpth	Vel	Hdg	Dpth Vel Hdg Dpth Vel Hdg	Vel		Dpth Vel Hdg	Vel	Ндд	Dpth vel	Vel	НЧЭ
5.7 0.02 12.3 0.24 13.2 btm	149 180	5.7 0. 12.3 0. 13.5 btm	5.7 0.07 119 12.3 0.19 175 13.5 btm	119	5.7 0. 12.3 0. 13.6 btm	5.7 0.10 112 12.3 0.20 160 13.6 btm	112	5.7 0 12.3 0 13.8 btm	5.7 0.10 135 12.3 0.22 171 3.8 btm	135	5.7 0. 12.3 0. 13.9 btm	00	77

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

ı		l	
		Hdg	15 356
	825	Vel	5.7 0.13 15 12.3 0.10 356 14.8 btm
		Dpth Vel	5.7 12.3 14.8
		Над	114 180
	784	Vel Hdg	0.04 0.07
(feet)	-	Dpth '	5.7 0.04 1 12.3 0.07 1 14.4 btm
bank		Hdg	86 101
n left	754	Vel	0.20 0.11
Distance from left bank (feet)		Dpth Vel	5.7 0.20 86 12.3 0.11 101 14.2 btm
Dista		Над	352 254
	724	Vel	5.7 0.05 12.3 0.02 14.1 btm
		Dpth	5.7 0 12.3 0 14.1 btm
		над	82 153
	989	Vel	0.03 0.07 tm
		Dpth vel	5.7 0.03 12.3 0.07 14.0 btm

Table 82,-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

Distance from left bank (feet) 919 951 983	Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	5.7 0.12 61 5.7 0.14 85 5.7 0.07 194 12.3 0.11 43 12.3 0.14 80 12.3 0.04 261 16.7 btm 17.0 btm
	al Hdg Dpth	12 133 10 161
887	Hdg Dpth Vel Hdg	329 5.7 0.12 133 310 12.3 0.10 161 16.2 btm
856	Dpth Vel Ho	5.7 0.06 33 12.3 0.08 3. 15.4 btm

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

	ı	<u>5</u>	77 7.7 3.5
	· ·	Hdg	9 231 6 257 5 265
	1,146	Vel	0.00 0.00 0.00 btm
		Dpth	5.7 0.09 2 12.3 0.06 2 18.9 0.05 2 22.3 btm
		Hdg	326 323 316
	1,113	Vel Hdg	5.7 0.11 12.3 0.12 18.9 0.13 22.1 btm
(feet)		Dpth	5.7 0 12.3 0 18.9 0 22.1 btm
bank		Hdg	104 46 39
m left	1,080	Vel	5.7 0.03 104 12.3 0.09 46 18.9 0.07 39 21.6 btm
Distance from left bank (feet)		Dpth	5.7 12.3 18.9 21.6
Dista		Hdg	90 53 78
	1,047	Vel	5.7 0.08 5.3 0.11 5.9 0.08
		Dpth	5.7 12.3 18.9 20.4
		Над	100
	1,015	Vel	5.7 0.07 12.3 0.05 18.7 btm
		Dpth	5.7 12.3 18.7 1

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)Continued

		Ндд		146	114	102	
	1,310	Vel		0.13	0.10	0.12	otm
		Dpth		5.7	12.3 0.	18.9	21.4
		Hdg		203	209	209	
	1,278	Vel		0.14	12.3 0.06 209	90.0	otm
(feet)		Dpth Vel Hdg		5.7	12.3	18.9	21.7
bank		Hdg		233	239	239	
m left	1,246	Vel Hdg		0.09	12.3 0.06 2	0.04	otm
Distance from left bank (feet)		Dpth		5.7	12.3	18.9	22.0 btm
Dista		Hdg			12		
	1,213	Vel		0.01	12.3 0.06	0.08	btm
		Dpth		5.7	12.3	18.9	22.1 btm
		Hdg	}	315	339	0	
	1,179	Dpth Vel Hdg		0.01	12.3 0.07	90.0	otm
		Dpth		5.7	12.3	18.9	22.3 btm

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)Continued

	ļ	Hdg	90	178	30	
	2	Ħ	.7 1	5.	1 1	
	1,4/2	Vel	0.1	0.1	0.1	otm
		Dpth	5.7 0.17 1	12.3	18.9	25.6 btm
		Hdg	253	257	288	
	1,439	Vel	0.14	12.3 0.12 257	90.0	ot.m
(feet)		Dpth	5.7	12.3	18.9	21.8 btm
bank		Нфд	230	235	175	
m left	1,406	Vel	0.16	0.08	0.04	otm
Distance from left bank (feet)		Dpth Vel	5.7	12.3 0.08 235	18.9	20.8 1
Dista		Hdg	212	258	82	
	1,3/4	Vel	0.09	0.02 258	0.05	btm
		Dpth	5.7	12.3 0.	18.9	20.9
		Hdg		34		
	1,342	Vel	0.07	12.3 0.10	0.15	ot.m
		Dpth Vel	5.7	12.3	18.9	21.1

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,505			1,538		:	1,571			1,605			1,638	
Dpth	Vel	Hdg	Dpth Vel	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg
5.7			5.7	0.17	241	5.7	0.21	254	5.7	0.23	245	5.7	0.32	255
12.3	0.13	271	12.3	0.18	243	12.3		249	12.3	0.25		12.3	0.33	257
18.9			18.9	0.17	245	18.9	0.23	246	18.9	0.24	253	18.9	0.32	256
25.4			25.4	0.01	225	25.4	90.0	312	25.4	0.09	252	25.4	0.29	254
28.7	btm		29.9	btm		31.3 btm	btm		32.0	0.06	47	32.0	0.07	40
									33.2	btm		35.0 1	btm	

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-

				Dist	Distance from left bank (feet)	om left	bank	(feet)					
1,672			1,706			1,739			1,773			1,796	
ļ	Hdg	Dpth	Vel	Hdg	Dpth	vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Нфд
	266	5.7	0.57	264	5.7	0.63		5.7	0.75	262	5.7	0.71	260
0.50	263	12.3	09.0	265	12.3	0.63	257	12.3	0.73		12.3	0.69	256
0.50	264	18.9	09.0	265	18.9	0.64	257	18.9	0.72	260	18.9	0.74	258
0.50	262	25.4	0.59	262	25.4	09.0	257	25.4	0.73	261	25.4	0.69	258
0.08	291	32.0	0.50	264	32.0	0.56	257	32.0	0.73	266	32.0	0.68	263
		38.6	0.27	346	38.6	0.35	254	38.6	0.67	267	38.6	0.66	260
		42.3	btm		45.1	0.12	23	45.1	0.24	279	45.1	0.45	260
					47.7	btm		51.8	btm		53.8	btm	

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					į.
	1,830	_		1,864			1,899			1,935			1,959	
Dpth	Vel	Hdg	Dpth	Vel	ндд	Dpth	Vel	ндд	Dpth	Vel	Над	Dpth	Vel	Hdg
5.7	0.76		5.7	0.83	265	5.7	0.73	261	5.7	0.72	270	5.7	0.75	266
12.3	0.75		12.3	0.85	265	12.3	0.78	261	12.3	0.82	268	12.3	0.83	269
18.9	0.76		18.9	0.88	265	18.9	0.83	262	18.9	0.87	267	18.9	0.86	266
25.4	0.72		25.4	0.86	266	25.4	0.88	262	25.4	0.83	265	25.4	0.88	262
32.0	0.70	263	32.0	0.86	266	32.0	0.87	261	32.0	0.81	264	32.0	0.87	262
38.6	0.64		•	0.78	262	38.6	0.86	260	38.6	0.82	267	38.6	0.88	261
45.1	0.51		45.1	0.69	264	45.1	0.82	258	45.1	0.78	262	45.1	0.86	262
51.7	0.04	21	51.7	0.03	299	51.7	0.04	259	51.7	0.15	296	51.7	0.29	275
54.9	btm		55.6	btm		56.6	btm		57.5	btm		58.61	btm	

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
3	1,995			2,031			2,055			2,091			2,127	
Dpth	Vel	НФЭ	Dpth	Vel	НФЭ	Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Hdg
5.7	0.76	268	5.7	0.76	271	5.7	0.80	267	5.7	06.0	267	5.7	0.92	267
12.3	0.81	268	12.3	0.81	269	12.3	0.84	267	12.3	0.93	267	12.3	0.97	266
18.9	0.87	265	18.9	0.86	268	18.9	0.88	266	18.9	0.95	266	18.9	0.98	265
25.4	0.89	265	25.4	0.90	267	25.4	0.87		25.4	0.95	263	25.4	0.97	264
32.0	0.93	264	32.0	0.90	265	32.0	0.86	266	32.0	0.94	261	32.0	0.93	264
38.6	0.90	265	38.6	0.86	265	38.6	0.86	264	38.6	0.94	262	38.6	0.87	264
45.1	0.85	264	45.1	0.83	266	45.1	0.79	264	45.1	0.88	264	45.1	0.87	263
51.7	0.44	268	51.7	0.54	271	51.7	0.65	266	51.7	0.67	267	51.7	0.68	265
58.2	0.03	12	58.2	0.08	12	58.2	0.02	45	58.2	0.01	26	58.2	0.07	324
59.8	btm		9.09	btm		61.1	btm		61.4	btm		62.4	btm	

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

		· .	4.000		Dist	Distance from left bank (feet)	m left	bank	(feet)				, i	
	2,163			2,186			2,221			2,257	,		2,292	
Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.95	267	5.7	0.91	267	5.7	27	261	5.7	1.0	264	5.7	1.0	259
12.3	0.99	268	12.3	0.93	267	12.3	1.0	262	12.3	1.0	265	12.3	0.99	259
18.9	0.97	265	18.9	0.95	266	18.9	1.0	262	18.9	1.0	265	18.9	1.0	261
25.4	0.96	264	25.4	0.96	264	25.4	0.97	261	25.4	0.97	263	25.4	0.98	261
32.0	96.0	265	32.0	0.97	263	32.0	0.99	262	32.0	1.0	263	32.0	0.99	263
38.6	0.92	263		0.97	264	38.6	0.97	262	38.6	0.96	264	38.6	0.95	263
45.1	0.90	264	45.1	0.92	263	45.1	0.95	263	45.1	0.99	265	45.1	0.94	263
51.7	0.86	265		0.87	262	51.7	0.87	264	51.7	0.96	266	51.7	0.93	265
58.2	0.15	281	58.2	0.21	278	58.2	0.29	270	58.2	0.38	274	58.2	0.56	271
9	btm		9.	btm		64.8	0.03	90	64.8	0.05	352	64.8	0.11	356
						65.3 ]	btm		65.9	btm		66.2 1	btm	

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
į	2,316			2,351			2,385			2,419			2,453	
Dpth	Vel	Hdg	Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	ve1	Hdg	Dpth	Vel	Нфд
5.7	0.97	259	5.7	1.0	259	5.7	0.93	259	5.7	1.0	257	5.7	96.0	258
12.3	0.90	259	12.3	0.95	260	12.3	0.92	259	12.3	0.99	258	12.3	0.96	258
18.9	0.83	259	18.9	0.94	261	18.9	0.88	259	18.9	0.95	257	18.9	0.98	257
25.4	0.91	260	25.4	0.93	266	25.4	0.87	259	25.4	0.92	258	25.4	0.92	258
32.0	0.88	262		0.93	267	32.0	0.87	261	32.0	0.91	259	32.0	0.88	259
38.6	0.95	262	38.6	0.88	270	38.6	0.84	264	38.6	0.85	258	38.6	0.83	261
45.1	0.93	263	45.1	0.83	269	45.1	0.82	266	45.1	0.83	260	45.1	0.80	262
51.7	0.89	265	51.7	0.81	271	51.7	0.78	267	51.7	0.70	262	51.7	0.48	266
58.2	0.39	276	58.2	0.17	284	58.2	0.04	333	58.2	0.02	0	58.2	0.03	319
64.8	0.07	346	64.3	btm		62.9	btm		61.6	btm		60.3	btm	
65.5	btm													

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	2,488			2,511			2,545			2,580			2,614	
Dpth	Vel	Ндд	Dpth	Vel	нфд	Dpth	Vel	ндд	Dpth	Vel	Над	Dpth	Vel	Нфд
5.7	0.78	262	5.7	0.78	258	5.7	0.74	260	5.7	0.78	259	5.7	0.76	259
12.3	0.83	265	12.3	0.79	260	12.3	0.76	262	12.3	0.81	260	12.3	0.81	262
18.9	0.86	264	18.9	0.83	262	18.9	0.81	262	18.9	0.85	261	18.9	0.82	263
25.4	0.86	264	25.4	0.84	262	25.4	0.82	262	25.4	0.85	262	25.4	0.84	262
32.0	0.87	266	32.0	0.82	262	32.0	0.83	264	32.0	0.87	266	32.0	0.82	262
38.6	0.88	268	38.6	0.79	264	38.6	0.79	268	38.6	0.82	267	38.6	0.79	263
45.1	0.83	269	45.1	0.70	268	45.1	0.75	272	45.1	0.64	269	45.1	0.30	270
51.7	0.31	286	51.7	0.12	302	51.7	90.0	11	51.7	0.07	0	52.6	btm	
	btm		57.6	btm		56.3	btm		54.6	btm				

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)Continued

		Нфд	260	262	271					
	2,773	Vel	0.62	0.53	0.24	btm				
		Dpth	5.7	12.3	18.9					
		Hdg	270	275	278	281				
	2,740	Vel	0.63	0.60	0.56	0.61	btm			
(feet)		Dpth	5.7	12.3	18.9	25.4				
bank		Ндд	268	271	272	275	276	306		
m left	2,717	Vel	0.72	0.71	0.73	0.73	0.70	0.24	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	44.7	
Dista		Hdg	262	265	265	266	269	272	0	
	2,682	Vel	0.77	0.76	0.75	0.73	0.71	0.58	0.14	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	
		Ндд	263	265	264	266	269	272	316	
	2,648	Vel	0.78	0.76	0.77	0.78	0.77	0.71	0.09	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.5

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-Continued

2,805			2,845	Dista	Distance from left bank (feet) 2,873	m left 2,873	bank	(feet)	2,909			2,944	
Dpth Vel	Нфд	Dpth Vel	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Нфд
5.7 0.60 12.3 0.25 18.9 0.10 20.4 btm	265 276 155	5.7 0 12.3 0 18.8 btm	5.7 0.63 253 12.3 0.17 246 18.8 btm	253 246	5.7 0 12.3 0 16.6 btm	5.7 0.49 268 12.3 0.07 345 16.6 btm	268 345	5.7 0. 12.3 0. 14.8 btm	0.27 258 0.02 156 btm	258 156	5.7 0. 12.3 0. 15.5 btm	5.7 0.38 12.3 0.03 15.5 btm	260 135

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)Continued

	Hdg	
	Vel	
	Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	
	Hdg	
	Vel	
(feet)	Dpth	
bank	Hdg	
om left	Vel	
Distance from left bank (feet)	Dpth	
Dista	Hdg	
	Vel	
	Dpth Vel	
	Над	263 151
2,960	Vel	0.24 0.07 btm
	Dpth Vel	5.7 12.3 14.7

Table 83.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

	1	dg		:65	210	
		H		5	2	
	455	Vel		0.1	7.4 0.12	btm
		Dpth Vel Hdg		4.1	7.4	8.6 btm
		Hdg		135		
000	397	Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg		4.1 0.03 135	btm	
<b>{</b>		Dpth		4.1	6.5 btm	
bank		Hdg		282		
m left	200	Vel		4.1 0.08 282	btm	
Distance from left bank (feet)		Dpth		4.1	5.7	
Dista		Hdg	II	321		
000	330	Vel		4.1 0.11 321	btm	
		Dpth		4.1	5.3 btm	
		Hdg		339		
	705	Dpth Vel		4.1 0.06	btm	
		Dpth		4.1	5.3 E	

Table 83.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)Continued

467  Dpth Vel Hdg Dpth 4.1 0.17 283 4.7.4 0.03 5 7.12.0 btm 12.0 btm 12.0
Pt] 4 4 113 113 113 113 114 114 114 114 114

Table 83.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	622			662			691		•	720		_	759	
Dpth Vel	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Над
4.1	0.58		4.1	0.82	264	4.1	0.73	256	4.1	0.97	258	4.1	0.93	258
7.4	0.62		7.4	0.77	269	7.4	0.75	260	7.4	0.88	262	7.4	0.82	265
10.7	0.65	278	10.7	0.77	266	10.7	0.79	260	10.7	0.89	260	10.7	0.83	261
13.9	0.30		13.9	0.69	279	13.9	0.75	258	13.9	0.94	251	13.9	0.81	263
17.2	0.12		17.2	0.08	288	17.2	0.31	254	17.2	0.81	257	17.2	0.81	263
	btm		20.1	btm		20.5	0.22	161	20.5	0.21	238	20.5	0.72	265
							btm		23.8	btm		23.8	0.42	274
													btm	

Table 83.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	788			825			853			889			915	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.0	259	4.1	0.94	257	4.1	1.0	259	4.1	1.0	262	4.1	1.2	258
7.4	0.93	258	7.4	0.91	260	7.4	1.1	263	7.4	1.1	259	7.4	1.1	264
10.7	0.98	258	10.7	0.93	257	10.7	1.0	265	10.7	1.0	259	10.7	1.0	264
•	0.95	260	13.9	96.0	259	13.9	0.97	267	13.9	1.0	263	13.9	1.1	262
17.2	0.88	263	17.2	0.95	262	17.2	1.0	263	17.2	0.98	261	17.2	1.0	268
•	0.87	268	•	0.92	263	20.5	1.0	263	20.5	1.0	262	20.5	1.1	269
•	0.76	268	23.8	0.84	267	23.8	1.0	266	23.8	0.98	263	23.8	1.0	268
•	0.65	274		0.72	265	27.1	0.84		27.1	0.88	268	27.1	1.1	270
	0.53	287	30.3	0.63	273	30.3	0.83	265	30.3	0.80	266	30.3	0.99	271
7.	btm		•	0.63	270	33.6	0.73	261	33.6	0.77	272	•	0.91	273
			•	0.35	271	36.9	0.40	265	36.9	0.52	281	36.9	0.77	276
			. 7	btm		40.2	0.05	187	40.2	0.08	194	40.2	0.17	239
						41.4	btm		42.1	btm		43.0	btm	

Table 83.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)Continued

				Dist	Distance from left bank (feet)	m left	bank	(feet)					
949			982			1,015			1,048			1,081	
Vel	Hdg	Dpth	Vel	Hdg	Dpth	Ve1	ндд	Dpth	Vel.	Ндд	Dpth	Vel.	над
•	264	1.4	0	090	1.4	-		7	C	890	4	0	264
:	264	7.4	. H	260		1.1	264		0.99	265			264
۲.	264	10.7	1.1	262	10.7	1.1		10.7	•	266	10.7	1.0	267
1.0	261	13.9	1.1	263	13.9	1.0	265	13.9	1.0	269	13.9	0.98	269
•		17.2	1.0	263	7	1.1	264	17.2	1.0	269	17.2	0.97	269
۲.		0	0.99	266	20.5	1.0	265	0	0.98	272		0.95	271
•		ω.	1.0	267	ω.	0.99	269		ο.	274	•	0.97	275
•		7.	0.98	269	7	0.97	268	27.1	•	276	•	0.94	275
•		0	0.91	270	0	0.91	269		0.91	275	•	0.87	274
•		33.6	0.88	268	33.6	0.86	271	33.6	0.91	272	33.6	0.92	273
0.78		6.	0.78	268	9	0.76	270		0.89	275		0.83	
•		0	0.25	267	•	0.30	271	40.2	0.59	274	40.2	0.75	276
0.16		ω.	0.09	209	43.5	0.09	216	43.5	0.04	315	•	0.17	231
btm		4.0	btm		44.4	btm		45.2	btm		46.0	btm	

Table 83.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
į	1,114			1,150			1,178			1,215			1,244	
Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	НФд	Dpth	Vel	Нфд	Dpth	Vel	над
4.1	-	259	4.1	0.99	260	4.1	1.0	262	4.1	1.0	261	4.1	0.99	259
7.4	1.0	261	7.4	1.0	261	7.4	1.0	261	7.4	1.1	262	7.4	1.0	263
10.7	1.0	265	10.7	•	266		1.0	266	•	•	263	10.7	1.1	266
e,	ο.	266	13.9	0.95	268	13.9	0.98	265	13.9	1.0	264		•	267
7.	6	268	17.2	0.95	269	•	0.93	272		1.0	269		•	270
0	ο.	268	20.5	0.93	269		0.97	270		1.0	270		0.98	273
ω.	σ.	267	23.8	0.87	274		0.94	274		•	270		•	271
27.1	0.87	269	27.1	•	275	27.1	•	275	27.1	•	269	27.1	•	271
	۲.	264	30.3	0.88	274	•	•	276		•	271		0.85	275
е Э	0.78	266	33.6	0.81	275	•	0.81	279		0.86	270		•	276
9	۲.	272	36.9	0.76	276	•	0.76	276		•	276		•	280
。	9.	274	40.2	0.66	282	•	0.76	275		•	278		•	278
ω.	0.14	240	43.5	0.10	262	•	0.35	277	•	٠	286		0.67	282
5.	btm			btm		48.2	btm		•	0.07	324		0.29	294
									49.8	btm		9.	btm	

Table 83.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)-Continued

					Dist	Distance fro	from left bank (feet)	bank	(feet)					
	1,283			1,314			1,344		, ,	1,374			1,416	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg
4.1	1.1	256	4.1		260	4.1	1.0	261	4.1	1.0		4.1	•	259
7.4	•	260	7.4	0.91	262	7.4	1.0	260	7.4	1.0	262	7.4	0.90	262
	1.0	261	10.7	0.98	262	10.7	0.98	265	10.7	0.93	259	10.7	0.90	260
	•	263	ω,	0.94	265	е Э	0.93	262	ω,	96.0	261	•	0.85	260
•	•	267	7.		266	7	•	264	7.	96.0	266	7	0.77	260
•	1.0	267	20.5	•	266	20.5	1.0	267	20.5	96.0	265	20.5	8.	265
•	6.	270	ω.	6.	268	ω,	•	269	ω.	1.0	267	ъ.	0.83	268
•	6	271	7.	0.89	271	7.	9.	270	7.	6.	265	7.	0.85	266
•	٥.	271	0	φ.	273	0	•	272	ö	0.88	267	ö	φ.	271
•	ο.	271	ω,	œ.	273	es.	φ.	274	ω,	•	272	ω,	٠.	267
•	8.	271	ė.	φ.	274	9	ω.	275	9	ο.	270	9	. 7	277
	0.83	271	。	•	278		0.77	282	40.2	•	270	40.2	9.	280
•	٠.	271	ω,		283	es.	9.	285	•	0.67	267	ω,	09.0	271
•	ω.	288	ė.	0.42	298	46.8	0.47	289	•	0.18	286	46.8	0.07	342
50.0	۲.	228	1.7	btm		•	0.06	236	50.3	btm		49.0	btm	
7	btm					1.4	btm							

Table 83.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,447			1,479			1,510			1,542			1,574	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	над	Dpth	Vel	Hdg
4.1	0.87	261	4.1	0.78	262	4.1	0.81	264	4.1	0.71	261	4.1	0.66	259
7.4	0.77	267	7.4	0.71	262	7.4	0.84	264	7.4	0.75	263	7.4	0.71	259
10.7	0.83	273	10.7	0.68	266	10.7	0.81	267	10.7	•	262		0.74	265
	•	268	3	0.71	264	13.9	•	270	13.9	0.77	270	13.9	0.10	267
•	•	265	7	0.77	273	17.2	0.83	259	17.2	0.83	274	17.2	0.79	267
20.5	0.89	265	20.5	0.79	269	20.5	0.87	260	20.5	0.74	275	20.5	•	276
•	•	278	ന	0.85	271	23.8	0.80	272	23.8	0.85	268	23.8	0.73	269
	0.94	278	7	0.80	277	27.1	0.81	279	27.1	0.72	273	27.1	•	273
•	96.0	272	0	0.75	272	30.3	0.89	275	30.3	•	281	30.3	0.72	277
•	0.91	276	3	0.73	280	33.6	0.83	267	33.6	•	276	33.6	0.10	282
•	0.77	274	9	0.74	281	36.9	0.67	277	36.9	0.59	293	36.9	0.51	278
•	0.83	276	0	0.51	296	40.2	0.51	276	40.2	0.27	295	40.2	90.0	329
43.5	0.49	290	3	0.19	293	43.5	0.07	333	43.8	btm		42.3	btm	
47.7 }	btm		6.5	btm		45.3	btm							

Table 83.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	1,607			1,638			1,671			1,704			1,737	
Dpth	Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	ндд	Dpth	Vel	Hdg	Dpth	Vel	Нфд
4.1	0.75	260	4.1	0.61	255	4.1	0.54	267	4.1	0.55	270	4.1	0.52	272
7.4	0.75	268	7.4	0.58	260	7.4	0.51	271	7.4	0.54	270	7.4	0.54	265
10.7	0.74	262	10.7	0.53	257	10.7	0.50	267	10.7	0.48	262	10.7	0.55	262
13.9	•	264	13.9	0.58	265	13.9	0.46	268	13.9	0.49	271		0.56	265
17.2	•	264	17.2	0.51	265	17.2	0.43	274	17.2	0.52	278		0.63	266
20.5	0.82	266	20.5	0.53	263	20.5	0.54	274	20.5	0.58	278	20.5	0.53	272
23.8	•	268	23.8	0.62	264	23.8	0.50	265	23.8	0.54	283		0.48	279
27.1	•	271	27.1	0.48	250	27.1	0.53	273	27.1	0.58	284	27.1	0.39	289
30.3	•	272	0	0.61	259	30.3	0.42	265	30.3	0.26	288	•	0.11	291
33.6	•	273	33.6	0.39	267	ω.	0.10	290	34.1	btm		32.1	btm	
36.9	0.26	282	9	0.08	120	36.5	btm							
40.5	btm		8.7	btm										

Table 83.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)-Continued

	Vel Hdg Dpth Vel O.37 270 4.1 0.46 273 7.4 0.49 270 10.7 0.44 273 17.2 0.51 277 20.5 0.51 245 22.5 bt			Distance from Left Dank (reet)	oank	(feet)					
Vel         Hdg         Dpth         Dpth         Vel         Hdg         Dpth         Dpth         Dpth         Dpth         Dpth         Per         Dpth         Dpth         Per         Per         Dpth         Per         <	Vel Hdg Dpth  0.37 270 4.1  0.46 273 7.4  0.49 270 10.7  0.51 262 13.9  0.44 273 17.2  0.51 277 20.5  0.53 288 22.5 bt	808		1,834			,848				
.37 270 4.1 0.34 275 4.1 0.22 275 4.1 0.08 .46 273 7.4 0.38 281 7.4 0.08 253 5.6 btm .49 270 10.7 0.34 277 9.0 btm .51 262 13.9 0.24 288 .44 273 17.2 0.72 4 .51 277 20.5 1.2 344 .53 288 22.5 btm .31 245	0.37 270 4.1 0.46 273 7.4 0.49 270 10.7 0.51 262 13.9 0.44 273 17.2 0.51 277 20.5 0.53 288 22.5 bt		Dpth		ндд	1	Vel	ндд	Dpth	Vel	Hdg
0.46 273 7.4 0.38 281 7.4 0.08 253 5.6 btm 0.49 270 10.7 0.34 277 9.0 btm 0.51 262 13.9 0.24 288 0.44 273 17.2 0.72 4 0.51 277 20.5 1.2 344 0.53 288 22.5 btm 0.31 245	0.46 273 7.4 0.49 270 10.7 0.51 262 13.9 0.44 273 17.2 0.51 277 20.5 0.53 288 22.5 bt		1,7		275	4.1	0.08	40			
0.49 270 10.7 0.34 277 9.0 0.51 262 13.9 0.24 288 0.44 273 17.2 0.72 4 0.51 277 20.5 1.2 344 0.53 288 22.5 btm	0.49 270 10.7 0.51 262 13.9 0.44 273 17.2 0.51 277 20.5 0.53 288 22.5 bt 0.31 245		7.4		253	5.6 b	tm	) I			
0.51 262 13.9 0.24 0.44 273 17.2 0.72 0.51 277 20.5 1.2 0.53 288 22.5 btm 0.31 245	0.51 262 13.9 0.44 273 17.2 0.51 277 20.5 0.53 288 22.5 bt 0.31 245		4 0.6	otm							
0.44 273 17.2 0.72 0.51 277 20.5 1.2 0.53 288 22.5 btm 0.31 245	0.44 273 17.2 0.51 277 20.5 0.53 288 22.5 bt 0.31 245										
0.51 277 20.5 1.2 0.53 288 22.5 btm 0.31 245	0.51 277 20.5 0.53 288 22.5 bt 0.31 245										
0.53 288 22.5 0.31 245	0.53 288 22.5 0.31 245										
0.31	0.31	m									
	29.0 btm										

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Ндд	336
	366	Vel	4.1 0.11 336 7.1 btm
		Dpth	4.1 0 7.1 btm
		Ндд	173
	330	Vel	4.1 0.03 173 6.1 btm
(feet)	e e	Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	4.1 0 6.1 btm
bank		Hdg	06
n left	294	Vel	4.1 0.08 90 5.6 btm
Distance from left bank (feet)		Dpth	4.1 0 5.6 btm
Dista		Hdg	80
	267	Vel	4.1 0.13 5.2 btm
			4.1 0 5.2 btm
		Ндд	143
	233	Dpth Vel Hdg	.1 0.09 143
		Dpth	4.1 0

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	392			424			460		7	496			531	
Dpth	Vel	Ндд	Dpth	Vel	Над	Vel Hdg Dpth Vel Hdg	Vel	над	Dpth	Dpth Vel Hdg	Над	Dpth Vel Hdg	Vel	Ндд
4.1 0 7.9 btm	0.10 btm	50	4.1 0 8.6 btm	4.1 0.04 247 8.6 btm	247	4.1 0 7.4 0 8.8 btm	4.1 0.07 324 7.4 0.09 8 8.8 btm	324 8	4.1 0 7.4 0 8.9 btm	4.1 0.18 215 7.4 0.00 270 8.9 btm	215	4.1 0 7.4 0 8.8 btm	4.1 0.03 186 7.4 0.06 6 8.8 btm	186 6

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)Continued

		Ндд	315
	692	Dpth Vel	4.1 0.12 315 7.9 btm
		Dpth	1.4.7
The state of the s		Ндд	266 333
	099	Vel Hdg	4.1 0.28 2 7.4 0.04 3 8.2 btm
		Hdg Dpth Vel Hdg Dpth	4.1 7.4 8.2 I
bank		Ндд	218 62
n left	622	Vel	0.11 218 0.10 62 btm
Distance from left bank (feet)		Dpth	4.1 0 7.4 0 8.4 btm
Dista		над	264
	588	Vel	4.1 0.14 264 7.4 0.06 79 8.7 btm
		Dpth Vel	4.1 0 7.4 0 8.7 btm
		над	248 56
	556	Dpth Vel Hdg	4.1 0.22 7.4 0.08 8.8 btm
		Dpth	4.7.8.4.8.8

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)-Continued

				Dista	Distance from left bank (feet)	m left	bank	(feet)					
758	758	758	İ			786			822			856	
Dpth Vel Hdg Dpth Vel H	th Vel			Hdg	Dpth	Vel Hdg	над	Dpth	Vel	ндд	Dpth	Vel	Над
4.1 0.28 274 4.1 0.17 270	4.1 0.17	0.17		270	4.1	0.43 249	249	4.1	0.52	250	4.1	0.27	
53	7.4 0.1	0.1	(O	99	7.4 0.	0.04	195	7.4	0.45 264	264	7.4 0.	0.22	304
	8.0 btm	btm			10.1	btm		10.7	0.18	249	10.7	0.21	
								14.2 btm	btm		16.5	btm	

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)-Continued

		Hdg	255	259	259	258	255	200	
	1,016	Vel	0.79	0.78	0.80	0.72	0.59	0.18	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	
		Hdg	251	258	259	249	203		
	983	Vel	0.72	0.68	0.63	0.49	0.16	btm	
(feet)	01	Dpth	4.1	7.4	10.7	13.9	17.2		
bank		Hdg	247	250	250	250	227		
m left	951	Vel	0.83	0.75	0.76	0.74	0.41	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2		
Dista		Hdg	250	257	267	255	26		
	922	Vel	0.63	0.58	0.56	0.52	0.16	btm	
		Dpth vel	4.1	7.4	10.7	13.9	17.2		
		Hdg	267	276	285	296			
	889	Vel	0.42	0.44	0.46	0.25	btm		
		Dpth Vel	4.1	7.4	10.7	13.9	17.3 E		

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)Continued

					Dist	Distance fro	from left bank (feet)	bank	(feet)					
	1,050			1,079			1,114			1,141			1,176	
Dpth	vel	Hdg	Dpth	vel	ндд	Dpth	Vel	Ндд	Dpth	vel	Ндд	Dpth	Vel	ндд
4.1	0.78	2	4.1	•	272	4.1	0.89	253	4.1	1.0	258	4.1	•	253
7.4	0.78	ß	7.4	0.82	276	7.4	•	256	7.4	1.0	260	7.4	0.97	261
10.7	0.74	S		0.10	286	10.7	96.0	260	10.7	•	262	10.7	•	260
13.9	0.68	258	13.9	0.74	280	13.9	•	260	13.9	0.96	262	13.9	0.85	261
17.2	0.67	ß	17.2	0.79	285	17.2	•	262	17.2	•	261	17.2	•	264
20.5	0.51	ß	•	0.63	276	20.5	•	259	20.5	0.94	261	20.5	•	264
3	0.32	3	•	0.65	282	23.8	0.79	257	23.8	•	261	23.8	0.83	259
29.0	btm		•	0.54	278	27.1	0.74	566	27.1	•	265	27.1	•	261
			•	0.43	334	30.3	0.69	262	30.3	•	265	30.3	0.81	261
			•	btm		33.6	0.46	272	33.6	0.75	266	33.6	0.76	266
						36.9	0.09	209	36.9	0.44	264	36.9	•	277
							btm		41.4	btm		40.2	0.07	253
												42.9	btm	

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)-Continued

	1,342	Vel Hdg	.83	98.	0.90 262	86.	66.	.98	.95	90		0.81 269	.78	7	0.51 274	H.
	1,	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	40.2	43.5	48.4 btm
		Над	266	268	267	268	270	271	273	271	273	277	273	277	292	
	1,306	Vel	0.91	0.95	1.0	1.0	1.0	1.0	0.94	0.93	0.88	0.80	0.78	0.69	0.38	btm
(feet)	1	Dpth	4.1	7.4	10.7	13.9	17.2		23.8		30.3	33.6	•	40.2	43.5	47.6 k
bank		Над	260	263	263	264	266	267	267	269	273	272	277	266	264	
n left	1,280	Vel	0.86	0.92	•	•	0.98	96.0	0.92	0.91	0.88	0.79	0.74	0.69	0.23	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7		17.2	•					•	40.2	43.5	46.4 b
บารปล		Ндд	257	257	260	261	261	261	261	264	263	266	266	262		
	1,245	Vel	0.95	0.99	•	1.0	0.99	0.97	0.98	0.92	0.87	0.84	0.81	0.43	btm	
		Dpth	4.1	7.4	0	$^{\circ}$	7	0	$^{\circ}$	7	0	33.6	9	0	44.8 k	
		Ндд	259	259	258	257	262	265	263	262	264	267	271	277		
	1,211	Vel	6.	0.98	1.0	96.0	0.91	0.88	0.91	0.85	0.79	0.84	0.74	0.11	btm	
		Dpth	4.1	7.4	10.7	13.9	7.	20.5	ж Э	7.		33.6	9	40.2	43.6 b	

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)-Continued

					Dist	Distance fro	from left bank (feet)	bank	(feet)					
	1,377		į.	1,403			1,434			1,469			1,505	•
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	•	264	•	•	260	•	•	259	•		262		•	270
7.4	0.93	263	7.4	0.78	260	7.4	06.0	263	7.4	0.80	262	7.4	0.74	271
10.7	0.95	263	0	0.89	264	10.7		264	0	•	268	10.7	•	270
•	1.0	263	13.9	ο.	265	13.9	•	N	13.9	φ.	266		0.80	266
7.	•	264	7.	•	263		0.95	0	7.	ω.	269		•	268
20.5	0.99	265	0	0.89	265	20.5	0.93	C)	20.5	0.91	271	20.5	•	270
ж •	•	264	ω.	•	267		0.96	N	ω.	•	272	•	0.90	275
7.	•	266	7.	0.82	269	•	•	N	7.	0.81	267	•	0.89	275
0	•	269	0	0.82	272	•	•	N	。	•	270	•	•	275
3.	•	270	ω.	•	271	•	0.84	268	æ.	•	274	•	•	275
9	•	270	ø.	•	270	•	0.83	269	ė.	•	276	•	•	277
40.2	0.78	276	0	0.67	274	•	0.82	277	。	0.71	278	•	•	275
e,	٠	275	e,	0.56	279	•	0.67	277	e,	0.45	266		0.69	279
ė.	•	229		btm			0.12	266	•	0.04	213	•	0.38	280
Н.	btm						btm		.5	btm		2.1	btm	

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)Continued

				Dist	Distance from left bank (feet)	m left	bank	(feet)					
1,53	H		1,564			1,598			1,633			1,668	
Vel	Hdg	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	ндд	Dpth	Vel	Ндд
•	0	4.1	9	261	•	0.61	255	4.1	09.0	264	4.1	0.50	263
•	7	7.4	0.75	265	7.4	0.63	256	7.4	0.70	264	7.4	0.63	264
•	0	10.7	0.81	266	•	0.72	258	10.7	•	264	10.7	•	259
0.92	2 268	13.9		263	13.9	•	260	•	•	265	13.9	0.73	259
•	0	17.2	•	263	•	•	263	7.	0.84	267	17.2	•	264
•	0	20.5	0.95	269	•	0.91	266	20.5	0.92	267	20.5	0.86	265
•	Ø	23.8	•	270	•	•	265	ω.	•	268		•	259
•	7	27.1	1.0	270	•	•	268	7.	•	266		0.95	265
•	0	30.3	0.95	271		•	266	30.3	0.93	268	30.3	8.	263
•	C)	33.6	ω.	270	•	0.82	267	ж Э	0.89	270	•	•	265
•	7	36.9	0.88	270	•	•	266	9	0.90	271		0.82	271
٠	01	40.2	φ.	273	•	•	272	0	•	270	•	0.74	272
•	0	43.5	•	272	43.5	•	275	43.5	•	274	•	٠.	275
•	C)	46.8	0.73	271	9	3.	264	•		276	•	.5	280
btm		50.0	0.13	274	50.0	0.04	243	•	0.15	270	50.0	0.14	285
		9	btm		4.1	btm		54.7	btm		4.0	btm	

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)-Continued

		НФВ	7	264	264	261	9	264	9	9	7	7	7	7	α			
	1,826	Vel	5.	0.55		0.56	•	0.69	0.64	0.77	•	•	•	0.65	0.22	btm		
		Dpth	4.1	7.4	10.7		•	20.5		•			•	•	•	47.3		
		Hdg	263	268	267	270	269	269	272	271	274	275	278	279	285	22		
	1,793	Vel	5	0.57	0.65	9.	•	0.72	•	0.84	0.83	0.81	•	•	0.30	0.04	btm	
(feet)	,,	Dpth	4.1	7.4		ω.	7	20.5	æ,	7	ö	ω.	9	0	•	•	48.6	
bank		Hdg	263	270	261	263	269	273	271	269	276	275	278	284	276	288		
m left	1,761	Ve1	4.	0.52	0.55	0.58	•	0.74	0.80	œ.	0.85	0.78	0.74	0.71	0.58	0.12	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	•		•	20.5	•			•	•		•	46.8	50.01	
Dista		Hdg	267	264	273	271	269	270	272	271	278	277	281	277	284	301		
	1,727	Vel	•	•	•	•	0.72	0.76	•	•	0.92		0.69	0.72	0.65	0.46	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	•	36.9	•	•	6.	51.3	
		Hdg	261	254	260	267	268	266	274	275	271	277	274	278	280	292	322	
	1,700	Vel	0.57	0.51	0.65	•	•	0.81	•	•	ω.	.7	0.88	ω.	.7	9.	0.07	btm
		Dpth	4.1	7.4	•			20.5	•	•	•	•	•		•	•		52.6 k

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)Continued

					Dist	Distance from	m left	bank	bank (feet)					
	1,862			1,890		1	1,928			1,960			1,996	
Dpth	Vel	Ндд	Dpth	Vel	Над	Dpth	Vel	Ндд	Dpth	Vel	Нфд	Dpth	Vel	Нфд
1.1	3.	262	4.1	•	259	4.1	•	270	4.1	0.35	264	4.1	0.39	263
7.4	0.52	268	7.4	0.57	264	7.4	0.54	268	7.4	0.47	267	7.4	0.46	266
0.7	.5	263	0	•	266		0.61	271	10.7		264	10.7	0.45	264
	9.	266	3	0.62	266	13.9	0.62	270	13.9	•	277	13.9	0.51	264
•	9.	272	7	•	268	17.2	•	267	17.2	•	269	17.2	•	263
.5	0.69	268	20.5	0.75	266	20.5	0.65	270	20.5	0.69	266	20.5	0.57	261
	٠.	284	3	•	265	23.8	•	272	23.8	•	275	23.8	•	262
	٠.	273	7	•	268	27.1	•	269	27.1	•	276	27.1	0.54	264
•	. 7	275	0	•	269	30.3	•	273	30.3	•	276	30.3	•	263
3.6	0.76	275	3	•	272	33.6	•	280	33.6	0.55	273	33.6	0.44	276
•	9.	281	9	•	280	36.9	0.45	287	36.9	0.35	288	36.9	0.21	252
	ω.	297	0	0.04	284	40.2	0.19	287	41.5	btm		39.7	btm	
•	0.05	0	4	btm		43.1	btm							
σ.	btm													

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)-Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	2,024			2,059			2,091			2,123			2,149	
Dpth	Vel	над	Dpth	Vel	над	Dpth	Ve1	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Ндд
4.1	0.31	254	4.1	0.32	285	4.1	0.24	273	4.1	0.23	273	4.1	0.09 322	322
7.4	0.38	282	7.4	0.39	278	7.4	0.31		7.4	0.15	277	7.5	btm	
10.7	0.42	272	10.7	0.47	282	10.7	0.37	282	11.3	btm				
13.9	0.41	261	13.9	0.44	277	13.9	0.36	281						
17.2	0.42	258	17.2	0.47	265	26.4	btm							
20.5	0.38	278		0.45	283									
23.8	0.43	266	23.8	0.58	289									
27.1	0.53	268	27.1	0.46	284									
30.3	0.56	285	30.3	0.34	309									
33.6	0.17	295	33.6	0.25	338									
37.7	btm		7	btm										

Table 84.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)-Continued

		Hdg	
		Vel	
		Dpth Vel Hdg	
		ldg D	
		7el F	
et)		th	
ej) y		ръ	
ban		ндд	
om left		Vel	
Distance from left bank (feet)		Hdg Dpth Vel Hdg Dpth Vel Hdg	
Dista		Ндд	
	1 1 1 1	Vel	
		Ндд	38
	2,165	Dpth Vel Hdg Dpth	4.1 0.06 38 6.25 btm
		Dpth	4.1

Table 85.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992 (1245 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		над	310	313	316	319	323	320	313	
	262	Vel	1.3	1.3	1.3	1.3	1.2	1.2	0.75	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	
		над	309	311	317	319	321	319	324	
	230	Vel	1.3	1.3	1.2	1.0	1.0	96.0	0.15	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	26.8
bank		над	318	317	318	321	322	321	73	
m left	198	Vel	1.3	1.3	1.3	1.3	1.2	0.64	0.23	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	
Dista		Нфд	315	314	315	315	313	318		
	167	Vel	1.2	1.1	1.1	1.0	0.98	0.26	btm	
		Dpth Vel	4.1	7.4	10.7	13.9	17.2	20.5	23.4	
		над	285	288	286	288	324			
	132	Vel	1.0	0.97	0.86	09.0	0.21	btm		
		Dpth Vel	4.1	7.4	10.7	13.9	17.2			

Table 85.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992 (1245 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
3	305			337			370		,	402			437	
Dpth V	Vel	НФВ	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Hdg
	1.3	309	4.1	1.5	309	4.1	1.5	307	4.1	1.5	307	4.1	1.5	314
	1.3	310	7.4	1.5	309	7.4	1.5	309	7.4	1.4	309	7.4	1.5	315
10.7	1.3	309	10.7	1.5	311	10.7	1.5	311	10.7	1.3	310	10.7	1.4	316
	1.3	313	13.9	1.4	311	13.9	1.4	309	13.9	1.3	314	13.9	1.3	317
	1.3	316	17.2	1.3	314	17.2	1.4	312	17.2	1.3	314	17.2	1.3	322
	1.3	316	20.5	1.3	314	20.5	1.4	313	20.5	1.3	315	20.5	1.3	321
	1.1	317	23.8	1.2	315	23.8	1.3	317	23.8	1.2	317	23.8	1.2	319
	0.23	323	27.1	0.53	316	27.1	0.90	313	27.1	1.1	316	27.1	1.0	324
29.8 btm	E		σ.	btm		30.3	0.04	235	30.3	0.41	317	30.3	0.54	320
							btm		33.4	btm			btm	

Table 85.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992 (1245 pst)-Continued

Dista	Dista	Dista	Dista	CT.	Distance from left bank (feet)	m left	bank	(feet)					
460			495			527		-,	561			593	
Dpth Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	
	314	4.1	1.5	311	4.1	1.5	312	4.1	1.5	316	4.1	4	10
7.4 1.5	312	7.4	1.5	311	7.4	1.5	314	7.4	1.5	318	7.4	1.5	
	315	10.7	1.5	312	10.7	1.5	310	10.7	1.5	318	10.7		
	314	13.9	1.5	316	13.9	1.3	311	13.9	1.3	315	13.9	1.4	_
	317	17.2	1.4	316	17.2	1.2	313	17.2	1.3	315	17.2	1.3	
•	317	20.5	1.3	316	20.5	1.2	315	20.5	1.3	314	20.5	1.3	
	320	23.8	1.2	318	23.8	1.2	317	23.8	1.2	317	23.8	1.2	
•	320	27.1	1.2	325	27.1	1.1	320	27.1	1.2	320	27.1	1.1	
Ū	322	30.3	0.64	321	30.3	0.55	313	30.3	0.77	319	30.3	1.1	
.0 btm		34.9	btm		33.6	0.18	152	33.6	0.18	309	33.6	0.50	Ó
					35.0 btm	btm		36.0	btm			btm	

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Table 85.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992 (1245 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	626			099			694		-	728			761	
Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	ндд	Dpth	Vel	Нфд	Dpth	Vel	Ндд
4.1	1.5	313	4.1	1.5	312	4.1	1.4	313	4.1	1.3	314	4.1	1.3	315
7.4	1.5	315	7.4	1.5	313	7.4	1.4	315	7.4	1.3	315	7.4	1.3	317
10.7	1.5	316	10.7	1.5	316	10.7	1.5	317	10.7	1.4	315	10.7	1.3	319
13.9	1.4	319	13.9	1.4	316	13.9	1.5	319	13.9	1.5	315	13.9	1.4	318
17.2	1.3	320	17.2	1.4	320	17.2	1.5	320	17.2	1.5	319	17.2	1.5	320
20.5	1.3	324	20.5	1.4	322	20.5	1.4	320	20.5	1.4	319	20.5	1.4	321
23.8	1.2	324	23.8	1.3	323	23.8	1.4	320	23.8	1.4	322	23.8	1.3	324
27.1	1.1	326	27.1	1.2	324	27.1	1.3	320	27.1	1.3	324	27.1	1.2	324
30.3	1.0	326	30.3	1.1		30.3	1.1	320	30.3	1.1	324	30.3	0.84	325
33.6	0.64	325	33.6	0.87		33.6	0.77	321	33.6	0.41	327	33.6	0.11	318
36.9	0.05	338	36.9	0.14	324	36.9	0.31	329	37.1	btm		32.6	btm	
38.8	btm		ო	btm		38.7	btm							

Table 85.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992 (1245 pst)-Continued

:		Над	312	317	316	318	321	323	325	23		
	923	Vel	0.94	1.0	1.2	1.2	1.1	1.0	0.65	90.0	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	28.5 1	
		над	312	311	315	315	317	314	315	307		
	891	Vel	1.0	1.1	1.2	1.3	1.3	1.1	0.94	0.17	btm	
(feet)	ω	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.9 k	
bank		над	315	314	314	317	319	318			230	
n left	858	Vel	1.2	1.2	1.2	1.3	1.3	1.2	1.1	0.57	0.10	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	31.3 k
Dista		над	316	316	316	317	318	319		323	345	
	825	Vel	1.1	1.2	1.3	1.3	1.4	1.3	1.1	0.93	0.17	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	φ.
		Ндд	311	311	312	312	312	314	318	317	309	
	794	Vel	1.1	1.2	1.3	1.3	1.4	1.2	1.2	1.1	0.44	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	34.2 b

Table 85.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992 (1245 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	956			988			1,020			1,052			1,085	
Dpth	Vel	Нфд	Dpth	Vel	ндд	Dpth	Vel	ндд	Dpth	Vel	над	Dpth	Vel	Hdg
4.1	1.0	315	4.1	0.78		4.1	0.79	319	4.1	0.81	317	4.1	0.67	325
7.4	1.0	316	7.4	0.85	321	7.4	0.73	320	7.4	0.85	319	7.4	0.70	326
10.7	1.1	315	10.7	0.89		10.7	0.79	323	10.7	0.81	323	10.7	0.68	325
13.9	1.1	320	13.9	0.88	316	13.9	0.80	322	13.9	0.79	322	13.9	0.63	330
17.2	1.1	315		0.89	318	17.2	0.77		17.2	0.81	322	17.2	0.55	329
20.5	0.97	318	20.5	0.76	323	20.5	09.0	327	20.5	09.0	325	20.5	0.36	328
23.8	0.47	326		0.16	324	23.8	0.14		23.8	0.16	331	23.8	0.05	4
27.1	0.08	186	26.7	btm		26.2	btm		25.9	btm		25.3 1	btm	
	btm													

Table 85.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992 (1245 pst)Continued

		Нфд						
		Vel						
		Dpth						
		Hdg						
		Vel						
(feet)		Dpth						
. bank		Ндд						
m left		Vel						
Distance from left bank (feet)		Dpth						
Dista		Hdg	324		22	15		
	1,121	Vel	0.55	0.45	0.69	0.62	otm	
		Dpth Vel	4.1 0.	7.4	10.7	13.9	14.2 1	
		Нфд	322	315	314	317	351	
	1,115	Vel	0.54	0.58	0.58	0.44	0.43	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	

Table 86.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	94			129			159		ין	189		- <del>-</del>	227	
Dpth	Dpth Vel	Ндд	Dpth Vel	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Нфд
4.1			4.1	1.1	301	4.1	1.5	308	4.1	1.7		4.1	1.9	306
7.4			7.4	1.1	301	7.4	1.5	307	7.4	1.7		7.4	1.9	304
10.7	0.48	308	10.7	0.91	302	10.7	1.4	308	10.7	1.5	309	10.7	1.9	302
13.9				0.68	310	13.9	1.2	312	13.9	1.2		13.9	1.8	304
16.0	btm		17.2	0.19	302	17.2	0.88	315	17.2	1.0		17.2	1.6	305
			4.	btm		20.5	0.15	355	20.5	0.39		20.5	1.3	305
							btm		23.8	0.14		23.8	0.08	343
										btm		25.9 1	btm	

Table 86.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
257 287							318	ı		359			389	
Vel Hdg Dpth Vel Hdg 1	Dpth Vel Hdg	Vel Hdg	Над		-	Dpth	Vel	над	Dpth	vel	Над	Dpth	Vel	над
4.1 2.1	4.1 2.1	2.1		306		4.1	1.9	304	4.1	2.1	304	4.1	2.1	298
305 7.4 2.0	7.4 2.0	2.0		304		7.4	1.8	306	7.4	2.1	305	7.4	2.1	301
1 307 10.7 2.0 307	10.7 2.0	2.0		307		10.7	1.9	303	10.7	2.0	305	10.7	1.9	303
309 13.9 2.0	13.9 2.0	2.0		305		13.9	1.9	305	13.9	1.9	301	13.9	1.9	306
306 17.2 1.9	17.2 1.9	1.9		306		17.2	1.8	305	17.2	1.8	304	17.2	1.9	305
304 20.5 1.7	20.5 1.7	1.7		305		20.5	1.6	306	20.5	1.7	306	20.5	1.8	306
301 23.8 1.0	23.8 1.0	1.0		301		23.8	1.3	304	23.8	1.6	306	23.8	1.5	307
0.17	0.17	0.17	_	276		27.1	0.13	204	27.1	0.69	303	27.1	1.0	308
28.1 btm			btm			29.1	btm			btm		30.3	0.03	168
													btm	

Table 86.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	419			449			488	1	-,	519			550	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	ոթեհ	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	2.2	300	4.1	2.1	302	4.1	2.1	300	4.1	2.1	305	4.1	2.2	304
7.4	2.1	302	7.4	2.1	306	7.4	2.0	301	7.4	2.0	310	7.4	2.1	306
10.7	2.1	303	10.7	2.0	308	10.7	2.0	302	10.7	1.8	309	10.7	2.0	309
13.9	2.0	306	13.9	2.0	312	13.9	1.9	302	13.9	1.8	310	13.9	1.9	312
17.2	1.9	306	17.2	1.8	312	17.2	1.8	304	17.2	1.7	313	17.2	1.9	315
20.5	1.9	306	20.5	1.8	314	20.5	1.7		20.5	1.6	311	20.5	1.8	313
23.8	1.7	308	23.8	1.6	315	23.8	1.6		23.8	1.5	315	23.8	1.7	317
27.1	1.3	309	27.1	1.2	311	27.1	1.2		27.1	1.3	318	27.1	1.5	317
30.3	0.12	319	30.3	0.19	343	30.3	0.16		30.3	0.59	322	30.3	1.0	320
	btm		ο.	btm			btm		33.6	0.21	116	33.6	0.11	308
									34.6	btm		35.7	btm	

Table 86.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	581			622			654			685			716	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд
4.1	2.2	305	4.1	2.0	305	4.1	1.8	305	4.1	1.8	303	4.1	1.8	306
7.4	2.0	307	7.4	2.0	305	7.4	1.9	308	7.4	1.9	305	7.4	1.9	307
10.7	1.9	308	10.7	1.9	308	10.7	1.8	305	10.7	1.8	306	10.7	1.9	308
13.9	1.7	310	13.9	1.8	310	13.9	1.8	309	13.9	1.7	310	13.9	1.8	311
17.2	1.7	312	17.2	1.7	313	17.2	1.6	313	17.2	1.7	310	17.2	1.7	313
20.5	1.5	312	20.5	1.6	316	20.5	•	314	20.5	1.6	314	20.5	1.7	314
23.8	1.4	315	23.8	1.5	317	23.8	1.5	315	23.8	1.4		23.8		316
27.1	1.3	316	27.1	1.4	315	27.1	•	315	27.1	1.3		27.1	1.2	316
30.3	1.2	317	30.3	1.3	317	30.3	0.84	313	30.3	0.36	317	30.3		338
33.6	0.15	301	33.6	0.25	321	33.6	0.09	302	33.5	btm		32.4	btm	
	btm		36.3	btm		35.1	btm							

Table 86.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)-

		Hdg		315	314	316	319	317						
	878	Vel		1.6	1.7	1.7	1.7	1.5	1.1	0.25	btm			
		Dpth		4.1	7.4	10.7	13.9	17.2	20.5	23.8	25.7			
		Ндд		308	310	310	313	314	317	314				
	846	Vel		1.7	1.8	1.8	1.8	1.7	1.4	0.45	btm			
(feet)	w	Dpth		4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.0 1			
bank		НЧЭ		311	311					321	312			
m left	814	Vel	:	1.8	1.8	1.9	1.8	1.8	1.5	0.97	0.09	btm		
Distance from left bank (feet)		Dpth		4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	28.4		
Dist		НЧЭ		313	312	314	315	317	318	321	316			
	781	Vel		1.6	1.8	1.9	1.9	1.8	1.6	1.3	0.24	btm		
		Dpth		4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.8		
		Hdg	:	309	311	314	316	315	317	319	321	311		
	748	Vel		1.7	1.8	1.9	1.8	1.7	1.6	1.4	0.74	0.27	btm	
		Dpth		4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3		

Table 86.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
ļ	910			942			982			1,012			1,041	
Dpth Vel	Vel	ндд	Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	Нфд	Dpth	Vel	над
4.1	1.4		4.1	1.3	318	4.1	1.2	316	4.1	0.91		4.1	0.86	323
7.4	1.6		7.4	1.4	318	7.4	1.3	317	7.4	1.0		7.4	0.97	322
10.7	1.6		10.7	1.5	317	10.7	1.3	316	10.7	1.0	325	10.7	1.0	323
13.9	1.6		13.9	1.4	320	13.9	1.4	321	13.9	1.1		13.9	0.93	325
17.2	1.3		17.2	1.2	320	17.2	1.2	322	17.2	0.99		17.2	0.78	324
20.5	0.75	326	20.5	0.62	327	20.5	0.52	318	20.5	0.41		20.5	0.31	316
23.8	0.07		σ.	btm		23.5	btm			btm			btm	
24.6	btm													

Table 86.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)Continued

		Hdg	,
		Vel	
		Dpth	
		Hdg	
		Vel	
(feet)		Dpth	
bank		Vel Hdg	
m left		vel	
Distance from left bank (feet)		Dpth	
Dista		Над	
:		Vel	
	The state of the s	Dpth	
		Над	289 301 305 313 327
	1,068	Vel	0.52 0.61 0.55 0.45 0.29
		Dpth Vel	4.1 7.4 10.7 13.9 17.2 18.3 }

Table 87.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

				Dist	Distance from left bank (feet)	m left	bank	(feet)					
66			125			162			191			228	
Dpth Vel	НФд	Dpth	Vel	НФд	Dpth	Vel	над	Dpth	Vel	над	Dpth Vel	Vel	Hdg
0.82		4.1	1.1	319	4.1	1.1		4.1	1.1		4.1	1.2	310
0.75		7.4	1.1	319	7.4	1.0		7.4	1.1		7.4	1.1	308
0.67	296	10.7	1.1	317	10.7	0.97	317	10.7	1.1	317	10.7	1.1	313
0.38		13.9	1.0	315	13.9	0.94		13.9	0.99		13.9	1.0	312
0.17		17.2	0.81	309	17.2	0.86		17.2	1.0		17.2	0.94	312
btm		20.5	0.04	329	20.5	0.04		20.5	0.26		20.5	0.79	316
			btm			btm			btm		23.8	0.11	169
												btm	

Table 87.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	258			289			321			354			386	
Dpth	Vel	ндд	Dpth	Vel	нда	Dpth	Vel	ндд	Dpth	Vel	ндд	Dpth	Vel	Нфд
4.1	1.3		4.1	1.2	310	4.1	1.3	313	4.1	1.2	316	4.1	1.4	314
7.4	1.3		7.4	1.1	310	7.4	1.2	315	7.4	1.1	318	7.4	1.4	315
10.7	1.3	313	10.7	1.1	313	10.7	1.3	318	10.7	1.1	316	10.7	1.3	318
13.9	1.2		13.9	1.1	314	13.9	1.2	317	13.9	1.2	317	13.9	1.3	317
17.2	1.2		17.2	1.0	320	17.2	1.2	321	17.2	1.1	318	17.2	1.2	317
20.5	1.0		20.5	1.0	319	20.5	1.0	321	20.5	0.94	316	20.5	1.2	318
23.8	0.26		23.8	0.80	318	23.8	0.94	320	23.8	0.92	314	23.8	1.1	319
27.1	0.05		27.1	0.10	296	27.1	90.0	109	27.1	0.13	308	27.1	0.46	324
28.7 b	btm		ω.	btm			btm		30.3	0.07	86	30.3	0.09	0
										btm			btm	

Table 87.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	419			452			495			526			558	
Dpth	Ve1	Нфд	Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.4	315	4.1	1.4	312	4.1	1.4	315	4.1	1.3	315	4.1	1.3	318
7.4	1.3	318	7.4	1.4	315	7.4	1.4	316	7.4	1.3	318	7.4	1.2	319
10.7	1.3	320	10.7	1.3	313	10.7	1.3	318	10.7	1.3	317	10.7	1.2	321
13.9	1.3	317	13.9	1.2	314	13.9	1.3	318	13.9	1.2	319	13.9	1.2	319
17.2	1.3	320	17.2	1.2	314	17.2	•	316	17.2	1.3	318	17.2	1.1	321
20.5	1.2	322	20.5	1.1	316	20.5	1.1	319	20.5	1.2	318	20.5	1.0	324
23.8	1.1	325	23.8	1.1	316	23.8	0.99	320	23.8	1.1	320	23.8	0.98	323
27.1	0.72	327	27.1	0.78	323	27.1	0.79	325	27.1	0.87	323	27.1	0.87	328
30.3	0.13	325	30.3	0.23	316	30.3	0.22	331	30.3	0.25	322	30.3	0.54	329
33.2	btm			btm		33.7	btm		34.1	btm		33.6	0.13	11
													btm	

Table 87.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst)Continued

(feet)	683 723	Dpth Vel Hdg Dpth Vel Hdg	1.3 306	1.3		1.3 310		20.5 1.2 315 20.5 1.2 312		1.1 314 27.1 1.0	315		36.9 0.05 65 36.5 btm	38.0 btm
	583		1.3	1,3	1.3	1.3			₽.	۲.	66.	.51	0.05	otm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3		36.9	
bank		Hdg	307	309	310	313	314	316	314	317	319	315	30	
m left	653	Vel	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	0.68	0.02	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	38.3
Dist		Ндд	313	312	314	313	317	316	322		323		88	
	622	Vel	1.3	1.3	1.2	1.2	1.2	1.0	1.0	0.93	0.93	0.44	0.10	btm
		Dpth	4.1	7.4	10.7	13.9	•	20.5	23.8	•	30.3	•	36.9	m.
		над	312	313	317	318	316	315	317	319	318	313		
	590	Vel	1.2	1.2	1.2	1.2	1.2	1.0	0.95	0.89	0.80	0:30	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6		

Table 87,-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst)-Continued

					Dista	Distance from left bank (feet)	om left	bank	(feet)					
	754			784			814			854			884	
Dpth	Vel	Ндд	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.2	310	4.1	1.2	311	4.1	1.1	307	4.1	1.0	311	4.1	0.87	309
7.4	1.3	309	7.4	1.2	312	7.4	1.1	307	7.4	1.1	310	7.4	0.97	313
10.7	1.3	313	10.7	1.2	314	10.7	1.2	310	10.7	1.2	312	10.7	1.0	317
13.9	1.3	313	13.9	1.2	317	13.9	1.2	312	13.9	1.1	314	13.9	0.99	318
17.2	1.2	315	17.2	1.2	316	17.2	1.1	312	17.2	1.1	317	17.2	0.95	320
20.5	1.1	317	20.5	1.1	315	20.5	1.0	314	20.5	0.92	318	20.5	0.81	320
23.8	1.1	316	23.8	0.99	318	23.8	0.91	316	23.8	0.70	320	23.8	0.22	320
27.1	0.95	317	27.1	0.74	318	27.1	0.28	322	27.1	0.07	13	27.1	0.14	104
30.3	0.54	324	30.3		343	30.3	0.06	338	30.3	0.06	326	29.0	btm	
33.6	0.03	7.8	33.5	btm		32.1	btm		30.5	btm				
34.9	btm													

Table 87.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst)-

		над	320	319	321	321	321	353		
	1,041	Vel	09.0	0.67	0.76	0.75	0.65	90.0	btm	
	1 1	Dpth	4.1	7.4	10.7	13.9	17.2	20.5		
		Hdg	311	311	314	317	317	315		
	1,011	Vel	0.75	0.79	0.83	0.87	0.78	0.16	btm	
(feet)	<b>-</b>	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	25.1 b	
bank		Ндд	310	314	319	318	319	322	118	
n left	981	vel	0.75	0.82	0.87	0.91	06.0	0.42	0.05	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	
Dista		Ндд	314	314	313	318	318	320	52	
	952	Vel	0.80	0.84	0.89	96.0	0.84	0.59	0.07	btm
		Dpth Vel	4.1	7.4	10.7	13.9	17.2	20.5	23.8	۰
		Ндд	307	306	308	313	312	309	261	
	913	Vel	0.85	06.0	1.0	0.98	0.95	0.76	0.02	tm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.9 E

Table 87.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst)Continued

		Hdg								
		Vel								
		Dpth								
		Ндд								
		Vel								
(feet)		Dpth								
bank		Ндд								
om left		Vel								
Distance from left bank (feet)		Dpth								
Dista		Ндд	332	334	334	9				
	1,109	Vel	0.48	0.54	0.56	0.49	btm			
and the second s		Dpth	4.1	7.4	10.7	13.9	9.			
		Над	327	327	324	327	334	351		
	1,081	Vel	0.47	0.53	0.54	09.0	0.53	0.16	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.0 1	

Table 88.-Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

	185	h Vel Hdg	0.42	0.51	0.41	13.9 0.36 346	0.32	0.30	0.29	30.5 btm
		Dpth							23	36
		Hdg				334				
	154	Vel	0.24	0.35	0.33	0.20	0.36	0.12	btm	
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	25.0	
bank	!	Ндд	345	325	347	348				
m left	125	Ve1	0.36	0.26	0.25	0.19	btm			
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9				
Dist		Hdg		(1)	59					
	98	ch Vel	0.23	0.16	0.16	btm				
		ρĎ	4.1	7.4	10.7	13.3				
		ндд	52							
	59	Dpth Vel Hdg	4.1 1.1	btm						
		Dpth	4.1	7.4						

Table 88.-Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	223			252			290			318			393	
Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Ндд	Dpth	Vel	Нфд	Dpth	Vel	над
4.1	0.42	331	4.1	0.66	330	4.1	0.65	319	4.1		320	4.1	0.70	318
7.4	0.44	325	7.4	0.59	333	7.4	0.54	331	7.4	0.66	324	7.4	0.62	319
10.7	0.42	326	10.7	09.0	341	10.7	0.59	325	10.7	0.57	325	10.7	0.55	320
13.9	0.41	327	•	0.56	340	13.9	0.63	323	13.9	0.64	322	13.9	0.60	322
17.2	0.37	319	17.2	0.66	342		0.54	331	17.2	•	318	7	0.67	318
20.5	0.37	336	•	0.64	333		0.55	326	•	•	322	20.5	•	330
23.8	0.42	332	•	0.56	330	•	0.54	330	•	0.62	327	ω.	•	323
27.1	0.39	312	•	0.50	4	27.1	0.54	330	•	0.54	334	27.1	0.54	319
30.3	0.24	322	30.3	0.62	338		0.50	316	30.3	0.53	324	。	•	326
ī.	btm		•	0.56		•	0.48	303	•	0.46	312	33.6	0.58	331
			•	0.26	356	•	0.48	305	ė.	0.36	342	•	0.43	339
			41.2	btm		40.2	0.30	311	40.2	0.45	325	40.2	0.39	328
						43.5	0.05	219	•	0.28	301	43.5	0.22	307
						44.7	btm		46.8	0.12	61	•	0.16	10
									47.1	btm		48.4	btm	

Table 88.-Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)-Continued

from left bank (feet) 450 478 516	Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	4.1 0.94 314 4.1 0.97	.92 316 7.4 0.84 310 7.4 0.91	.82 317 10.7 0.84 314 10.7 0.92	.91 313 13.9 0.93 319 13.9 0.87	.82 320 17.2 0.87 315 17.2 0.	.69 321 20.5 0.83 311 20.5 0.89	.63 316 23.8 0.74 312 23.8 0.82	.56 303 27.1 0.66 317 27.1 0.73	.61 314 30.3 0.66 317 30.3 0.82	33.6 0.64 327 33.6 0.82	321 36.9 0.59 326 36.9 0.74	318 40.2 0.51 330 40.2 0.63 3	1 313 43.5 0.45 319 43.	299 46.8 0.17 328 46.	btm 49.4 btm 49.2 btm
387 414	Dpth Vel Hdg Dpth Vel	0.73 31	7.4 0.72 315 7.4 0	0.71 317 10.	.9 0.83 322 13.9	7.2 0.74 317 17.2	0.5 0.73 318 20.5	3.8 0.65 320 23.	7.1 0.65 315 27.1	0.3 0.61 326 30.	0.58 319 33.	6.9 0.60 325 36.	0.2 0.44 326 40.2	3.5 0.35 320 43.	6.8 0.05 296 46.	9.1 btm

Table 88.-Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)Continued

					Dist	Distance fro	from left bank (feet)	bank	(feet)					
	545			584			614			642			681	
Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	Над	Dpth	Vel	ндд	Dpth	Vel	Над
4.1	•	325	4.1	1.0	323	4.1	φ.	321		•	324	4.1	•	$\vdash$
7.4	•	328	7.4	1.0	321	7.4	σ.	321	•	0.91	325	•	•	322
10.7	1.0	324	0	0.97	323	10.7	0.96	327	10.7	0.86	326	10.7	0.86	325
•	•	328	ω.	0.96	323	•	σ.	330	•	•	330		•	327
7.	•	329	7.	•	323	•	σ.	329	•	•	336	•	•	2
。	•	326	0	•	323		ο.	332	•	•	336		•	$^{\circ}$
ω.	•	325	ω.	•	326	•	0.85	326	•	•	336		•	2
7	•	329	7.	•	331	•	.7	334	•	•	342	•	•	2
0	•	335	0	•	325	•	۲.	329	•	•	333	•	•	321
	•	327	33.6	•	329	33.6	۲.	324	•	0.79	321	•	•	$^{\circ}$
9	•	336	9	0.70	329	•	0.72	326	•	•	327		•	2
0	0.66	333	。	0.67	326	•	0.65	334	•	•	327	•	•	325
3,	•	318	ω.	0.33	323	•	0.41	327	•	•	325		•	347
•	•	0	ė.	0.06	36	•	0.09	138	•	0.16	152	46.8	btm	
σ.	btm		8.4	btm		47.9	btm		47.5	btm				

Table 88.-Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)Continued

					Dist	Distance fro	from left bank (feet)	bank	(feet)					
	710			739			778			908			843	
Dpth	Vel	Нфд	Dpth	Vel	НФд	Dpth	Vel	Ндд	Dpth	Vel	над	Dpth	Vel	ндд
4.1	•	318	4.1	0.99	325	4.1	0.94	323	4.1	0.87	319	4.1	0.95	320
7.4	0.89	320	7.4	0.93	324	7.4	0.93	325	7.4	0.90	319	7.4	0.93	321
10.7	•	324	10.7	0.91	320	10.7	0.99	327	10.7	0.86	319	10.7	0.93	320
13.9	•	326	3	0.96	322	13.9	0.95	325	13.9	•	319	•	0.84	324
7	•	326	7	0.85	319	17.2	0.93	327	17.2	•	323	•	0.85	324
20.5	•	325	20.5	0.81	318	20.5	0.83	327	20.5	•	322	20.5	0.84	325
ω.	•	323	n	0.84	321	23.8	0.76	333	•	•	326		•	326
7	•	324	7	0.78	320	27.1	0.72	330	•	•	326	•	•	328
0	•	322	0	0.71	332	30.3	0.68	334	•	0.68	323	30.3	0.74	328
ω.	•	325	က	0.67	333	•	0.61	333	33.6	0.28	325	•	0.27	331
9	0.63	321	9	0.68	326	36.9	0.51	341	•	0.17	350	37.3	btm	
0	•	316	0	0.42	322	40.2	0.29	10	38.6	btm				
•	0.20	333	က	0.12	353	42.4	btm							
	btm		44.7	btm										

Table 88.-Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)Continued

		над	325	325	331	327	327	327	314	321	325	5		
	1,008	Vel	0.78	0.84	0.79	0.72	0.71	0.70	0.77	0.69	0.57	0.16	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.5	
		над	319	318	326	324	332	327	320	325	329	350	186	
	968	Vel	0.85	0.84	0.85	0.83	0.93	0.66	0.75	0.75	0.66	0.29	0.15	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	37.2
bank		Над	324	321	322	320	322	328	324	328	328	329	181	
 m left	939	Vel	0.90	0.88	0.82	0.80	0.80	0.84	0.79	0.85	0.73	0.34	0.13	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	37.8
Dista		над	317	325	322	318	316	319	327	324	322	330	175	
	910	Vel	0.85	0.89	0.92	0.87	0.82	0.74	0.76	0.80	0.72	0.49	0.04	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	38.3
		над	314	318	320	322	320	320	323	319	322	325	180	
	872	Vel	0.88	0.84	0.86	0.80	0.79	0.75	0.71	0.70	0.70	0.42	90.0	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	

Table 88.-Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)-Continued

		Hdg	322	323	325	324	317	322	300	308	22		
	1,172	Vel	0.47	0.54	0.49	0.50	0.46	0.39	0.35	0.23	0.04	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	32.01	
		Hdg	322	328	330	329	344	334	324	340	47		
	1,134	Vel	0.52	0.60	0.58	0.55	0.51	0.23	0.30	0.32	0.15	btm	
(feet)	1	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.3 E	
bank		ндд	317	318	320	313	319	328	316	328	321	182	
m left	1,104	Vel	0.57	0.56	0.65	0.68	0.58		0.49	0.46	0.21	0.08	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	34.2
Dista		Над	324	331	327	326	330	325	323	321	337	43	
	1,067	Vel	0.74	0.76	0.70	0.68	0.67	0.63	0.78	0.71	0.46	0.13	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	
	ļ	Ндд	324	319	324	319	323	327	324	315	329	13	
	1,037	Vel	0.73	0.65	0.70	0.77	0.67	0.57	0.49	0.55	0.46	90.0	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	

Table 88.-Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)Continued

		над	337	0		25					
	1,333	Vel	0.09	0.09	0.13	0.71	btm				
		Dpth	4.1	7.4	10.7	13.9					
		Над	284	272	324	291	327				
	1,294	Vel	0.15	0.08	0.08	0.24	0.10	btm			
(feet)	H	Dpth	4.1	7.4	10.7	13.9	17.2	23.5 b			
bank		Нфд	305	312	321	322	322	307	352		
n left	1,266	Vel	0.40	0.32	0.32	0.40	0.39	0.31	0.16	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.0 k	
Dista		Над	332	317	310	308	320	313	320	22	
	1,230	Vel	0.31	0.36	0.39	0.38	0.36	0.38	0.32	0.04	btm
		Dpth Vel	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	28.9 1
		Нфд	324	328	325	310	321	322	320	н	
	1,201	Vel	0.42	0.32	0.29	0.37	0.36	0.41	0.34	0.17	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees

from magnetic North; btm, bottom]

95 Hdg 5.7 0.10 13.8 btm Vel 264 Dpth 0.15 45 Hdg Vel 5.7 0.1 12.3 0.0 16.1 btm 229 Distance from left bank (feet) Dpth Hdg 63 55 0.36 Vel 197 Dpth Hdg 63 66 0.30 Vel 166 Dpth 105 115 Hdg 0.18 132 Vel Dpth

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)-Continued

		Hdg	106	90	110	
	424	Vel	0.21	0.18	18.9 0.07	otm
		Dpth Vel Hdg	5.7	12.3	18.9	23.7
		Нфд	77	69	236	
	384	Vel	7 0.19 7	0.10	0.09	tm
(feet)		Dpth Vel Hdg	5.7	12.3	18.9	20.9 btm
bank			93	73		
n left	357	Vel	0.25	0.09	ot m	
Distance from left bank (feet)		Hdg Dpth Vel Hdg	5.7	12.3 0.	20.0 k	
Dista		Ндд	77	248		
	330	vel	5.7 0.16 77	0.02	otm	
		Dpth Vel	5.7	12.3	17.1	
			91	159		
	290	Dpth Vel Hdg	5.7 0.22 91	0.18	otm	
		Dpth	5.7	12.3	14.0 btm	

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	452			479			520			546			587	
Dpth	Dpth Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.18		5.7	0.21	80	5.7	0.14	132	5.7	5.7 0.14 1	155	5.7	0.13	171
12.3	12.3 0.15	64	12.3	2.3 0.27	73	12.3	12.3 0.18	111	12.3	0.15	127	12.3	0.16	130
18.9	0.09		18.9	0.19	49	18.9	0.13	109	18.9	0.16	141	18.9	0.19	125
26.0	btm		25.4	0.12	106	25.4	0.08	194	25.4	0.09	226	25.4	90.0	206
			26.7 btm	btm		27.6 btm	btm		28.5	btm		29.5	btm	

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)-

	1	ı						
	Hdg		111	112	119	117	121	
741	Vel		0.14	0.20	0.24	0.31	0.11	btm
	Dpth		5.7	12.3	18.9	25.4	32.0	
	Нфд		66	93	92	93	28	
713	Vel		0.12	0.19	0.30	0.25	0.08	btm
	Dpth		5.7	12.3	18.9	25.4	32.0	35.7
	над		117	101	66	93	138	
684	Vel		0.13	0.17	0.23	0.16	0.03	btm
	Dpth		5.7	12.3	18.9	25.4	32.0	
	Ндд							
642	Vel		0.13	0.18	0.25	0.13	btm	
	Dpth		5.7	12.3	18.9	25.4	32.0	
	над		143	115	109	113		
614	Vel		0.13	0.18	0.23	90.0	otm	
	Dpth		5.7	12.3	18.9	25.4	30.8	
	642 684 713	Hdg       Dpth       Vel       Hdg       Dpth       Vel       Hdg       Dpth       Vel       Hdg       Dpth       Vel	642         684         713         741           Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel         Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel         Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel	Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           143         5.7         0.13         117         5.7         0.12         99         5.7         0.14	Hdg Dpth Vel Hdg D	Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Ppth         Vel         Hdg         Ppth         Vel         Hdg         Ppth         Vel         Vel           143         5.7         0.13         110         5.7         0.13         117         5.7         0.12         99         5.7         0.14           115         12.3         0.18         103         12.3         0.17         101         12.3         0.19         93         12.3         0.20           109         18.9         0.25         103         18.9         0.23         99         18.9         0.30         92         18.9         0.24	Hdg         Dpth         Vel         Hdg         Hdg         Dpth         Vel         Hdg         <	Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Ppth         Vel         Hdg         Ppth         Vel         Hdg         Ppth         Vel         Hdg         Ppth         Vel           1143         5.7         0.13         110         5.7         0.13         117         5.7         0.12         99         5.7         0.14           115         12.3         0.18         103         12.3         0.17         101         12.3         0.19         93         12.3         0.20           119         18.9         0.25         103         18.9         0.25         93         18.9         0.24           113         25.4         0.13         32.0         0.03         138         32.0         0.08         28         32.0         0.11

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)Continued

Distance from left bank (feet)	872 916	Hdg Dpth Vel Hdg Dpth Vel Hdg	5.7 0.07 74 5.7 0.11	12.3 0.12 88 12.3 0.13	18.9 0.13 96 18.9 0.15	25.4 0.19 102 25.4 0.16	32.0 0.18 104 32.0 0.17	142 38.6 0.19 98 38.6 0.19 131	0.05 86 45.1 0.20	56.7 btm
left bank	843	Vel Hdg		0.11 116		0.21 121			btm	
ance from	w	Dpth	5.7	12.3	18.9	25.4	32.0	38.6		
Dist		Ндд				108				
	814	Vel	0.06	0.15	0.21	0.25			btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	41.8	
		Нфд	101	96	106	106	101			
	785	Vel	0.18	0.21	0.29	0:30	0.15	btm		
		Dpth	5.7	12.3	18.9	25.4	32.0			

Table 89,-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)-Continued

	83	Hdg	2 36			5 100			1 123				
	1,082	Vel	0.0	0.06	0.04	0.05	0.07	0.09	0.11	0.10	0.12	0.06	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.2
		ндд	90				124						
	1,036	Vel	0.09	0.07	0.07	0.07	0.08	0.07	0.09	0.13	0.12	0.03	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	69.2
bank		Hdg	48	89	81	66	88			101	93	217	
om left	1,005	Vel	0.04	0.07	90.0	0.10	0.11	0.07	0.10	0.08	0.10	0.09	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	67.5
Dist		Hdg	212	92	131	109	112	123	137	116	140		
	975	Vel	0.03	0.09	0.07	0.08	0.09	0.08	90.0	0.13	0.05	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	65.1	
		Над	90	86	90	105	96	101	103	96	128		
	945	Vel	0.10	0.14	0.19	0.17	0.18	0.19	0.22	0.20	0.08	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6		51.7		61.8	

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)Continued

1,113
Hda Doth
თ
12 12 12.3 0.14 53
13 18.9 0.10
66 25.4 0.07
52 38.6 0.12
64 45.1 0.11
77 51.7 0.14
58.2 0.
64.8 0
0.03
75.7 btm

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)-

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	1,267			1,638			1,666			1,707	1		1,734	
Dpth	Vel	Нфд	Dpth	Vel	НФЭ	Dpth	Vel	Hdg	Dpth	Vel	ндд	Dpth	Vel	Hdg
r r	C	ć	r F	ć	0	r,		7	r T					ć
	. L	, , ,	10.7	0.0		•	0.04	174	7.0.	0.04	1 4 ህ	12.3	0.03	335
	0.16	1 6	18.9	0.05	222	·	0.08	139	18.0		195	18.0		233
25.4	Η.	15	25.4	0.06	180	•	0.09	129		•	189	25.4	0.03	275
0	۲.	22	N	0.08	184	32.0	0.10	141	32.0	0.07	204	32.0		238
38.6	۲.	25	ω	0.02	153	ω	0.08	165	38.6	0.08	182	38.6	0.03	240
ß	۲.	17	45.1	0.04	153	45.1	0.10	153	45.1	•	186	45.1	0.03	180
Н	٦.	23	Н	•	198	Н	0.08	159	51.7	•	160	51.7	0.03	165
ø	⊣.	28	ω	0.04	194	58.2	0.06	215	58.2	90.0	154	58.2	0.07	192
4	Н.	25	4	0.06	190	64.8	0.07	177	64.8	0.10	150	64.8	0.04	153
71.4	٦.	52	÷.	0.03	320	71.4	0.08	200	۲.	btm		79.4	btm	
7.	۲.	191	77.9	0.07	163	88.3	btm							
2.8	btm.		4.	0.06	308									
			1.6	btm										
			) •	:										

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)-Continued

	Над	40	276	270	195	197	227	218				
1,905	Vel	0.07	0.03	0.01	0.02	0.04	90.0	0.14	btm			
	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	52.9			
	Над	349	341	341	63	135	221	245				
1,867	Vel	0.07	90.0	0.04	0.04	0.01	0.04	0.10	btm			
	Dpth	50.7	12.3	18.9	25.4	32.0	38.6	45.1	55.7 b			
bank	Hdg	333	258	210	188	180	189	217	263	307		
m left 1,841	Vel	0.08	0.03	0.05	0.07	90.0	0.08	0.09	0.13	0.11	btm	
Distance from left bank (feet)	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	60.1 k	
Dista	Нфд	296	259	236	229	205	202	197	175	267		
1,801	Vel	0.04	0.07	0.08	0.07	0.08	0.10	0.08	0.08	0.07	btm	
	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2		
	Нфд	195	234	223	201	218	218	237	208	213	244	
1,775	Vel	0.02	0.07	0.08	0.09	90.0	90.0	90.0	0.12	0.09	0.11	btm
	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	38.6	45.1	51.7	58.2	

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)Continued

	1	ндд	921	190	185	227				
	2,052			0.14						
	2,0	Vel					btm			
		Dpth	5.7	12.3	18.9	25.4	40.9			
		ндд					243			
	2,024	Vel	0.02	0.03	0.05	0.05	0.06	0.13	btm	
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6		
bank		Нфд	132	147	141	145	143	177	145	
m left	1,990	Vel	0.11	0.12	0.11	0.15	0.16	0.18	0.15	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.0
Dist		Hdg	96	142	149	128	132	202	158	
	1,967	Vel	90.0	0.07	90.0	0.11	0.11	0.11	0.08	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.5
		Hdg	18	227	193	192	194	217	184	
	1,930	Vel	0.03	0.05	0.07	0.04	0.08	0.10	0.09	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.1

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)-Continued

k (feet)		Hdg Dpth Vel Hdg Dpth Vel Hdg		
Distance from left bank (feet)	2,089	Vel Hö	7	9.4 btm
ance fro			r u	. 0 4.
Dist		Hdg	L.	4. U
	2,078	Vel Hdg Dpth	, C	., 0.03 .3 btm
		Dpth	r L	14.3
		Нфд	C	2 0 8 2 9 9 2 9 9
	2,070	Dpth Vel	6	5.7 0.21 12.3 0.22 26.1 btm
		Dpth	E L	26.1 26.1

Table 90.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Нфд	307	310	307	297	324	
	228	vel	0.36	0.35	0.39	0.37	0.03	otm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.5 1
		Ндд	296	296	298	285	252	
	201	Vel	0.39	0.38	0.36	0.34	0.12	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	
bank		Ндд	298	297	287	282	247	
m right	161	Vel	0.37	0.38	0.34	0.32	0.14	btm
Distance from right bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	
Dista		Нфд	303	303	299	281	231	
	137	Vel	0.33	0.34	0.32	0.24	0.22	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	
		Ндд	272	270	258	239		
	101	Opth Vel Hdg	0.49	0.47	0.43	0.45	otm	
		Dpth	5.7		18.9		32.4 b	

Table 90.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)-Continued

					Dist	Distance from right bank (feet)	m righ	t bank	(feet)					
	256			298			326			355			398	
Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	ндд	Dpth	Ve1	Нфд	Dpth	Vel	над
5.7	0.43	311	5.7	0.55	302	5.7	0.41	302	5.7	0.49	301	5.7	0.52	304
12.3	0.43	307	12.3	0.50	299	12.3	0.38	302	12.3	0.48	299	12.3	0.55	308
18.9	0.42	304	18.9	0.47	300	18.9	0.41	305	18.9	0.47	295	18.9	0.60	311
25.4	0.36	303	25.4	0.48	297	25.4	0.43	305	25.4	0.54	298	25.4	0.62	308
32.0	0.13	274	32.0	0.34	290	32.0	0.41	300	32.0	0.50	299	32.0	0.63	309
38.6	0.05	126	38.6	0.12	245	38.6	0.14	266	38.6	0.47	300	38.6	0.57	305
39.6 F	btm		42.0	btm			btm		45.1	0.34	248	45.1	0.46	302
									52.1	btm		51.7	0.25	266
													btm	

Table 90.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)Continued

					1		 		()))					
	428			459			490		-,	522			554	
Dpth	Vel	Ндд	Dpth	vel	Hdg	Dpth	Vel	ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
				,	,						,	I		,
5.7	0.38	319	5.7	0.50	302	5.7	0.53	303	5.7	0.53	290	5.7	0.43	300
12.3	0.42	316	12.3	0.47	305	12.3	0.54	309	12.3	0.55	294	12.3	0.49	301
18.9	0.41	319	18.9	0.55	305	18.9	0.60	307	18.9	0.61	297	18.9	0.53	302
25.4	0.45	314	25.4	0.54	301	25.4	0.59	302	25.4	0.61	299	25.4	0.55	308
32.0	0.49	314		0.53	304	32.0	0.58	305	32.0	0.64	300	32.0	•	304
•	0.46	312	•	0.51	308	38.6	0.52	305	38.6	0.63	305	38.6	0.57	305
•	0.40	314	45.1	0.51	301	45.1	0.49	301	45.1	0.59	298	45.1	0.55	305
	0.30	312		0.43	302	51.7	0.47	293	51.7	0.55	296	51.7	0.45	302
58.2	0.22	344	58.2	0.33	296	58.2	0.42	291	58.2	0.50	293	58.2	0.46	306
•	btm		•	0.22	290	64.8	0.40	292	64.8	0.44	290	64.8	0.42	303
			σ.	btm		71.4	0.27	246	71.4	0.32		71.4	0.33	303
						76.3	btm		82.8	btm		77.9	0.22	264
												,		

Table 90.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)-Continued

					Dist	Distance from right bank (feet)	m righ	t bank	(feet)					
	585			617			649			680			712	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Ндд
•		274	5.7	•	291	5.7	0.40	303	5.7	•	305	5.7	3.	293
12.3	0.59	276	12.3	0.52	291	12.3	0.38	291	12.3	0.59	300	12.3	0.50	292
8		281	18.9	•	289	18.9	0.38	284	18.9	•	297	•	•	291
•		287	25.4	•	294	25.4	•	286	25.4	•	299		0.57	291
ά.		290	32.0	•	299	32.0	0.51	302	32.0	•	299	32.0	•	290
ω.		292	38.6	0.64	297	38.6	.5	301	ω	09.0	294	38.6	0.69	291
5		291	45.1	•	304	45.1	0.51	302	45.1	•	300	45.1	•	287
;		284	51.7	0.57	313	51.7	.5	302	$\leftarrow$	•	303	51.7	•	280
ω.		284	58.2	0.62	298	58.2	3	299	58.2	•	301	58.2	•	288
4.		283	64.8	0.55	303		0.47	299	•	•	302	64.8	0.63	292
ä	0.57	281		0.47	293	71.4	0.57	296	71.4	•	300	71.4	•	289
7.	•	285	77.9	0.44	303	•	0.48	293	77.9	•	289	•	0.51	285
9.3	btm			0.31	257		0.23	240	•	0.12	285	•	0.08	233
			4.	btm		91.0	0.10	116	91.0	0.01	236	90.4	btm	
						92.0	btm		91.8	btm				

Table 90.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)-Continued

					Dist	Distance from right bank (feet)	m righ	t bank	(feet)					
	759			790			820			851			881	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	vel	Hdg	Dpth	Vel	Hdg
	•	292	5.7	0.51	303	5.7	0.54	322	5.7	0.50	302	5.7	0.50	301
12.3	0.58	296	12.3	0.55	303	12.3	0.55	322	12.3	0.53	301	12.3	0.48	299
18.9	•	295	18.9	•	302	18.9	3	321	18.9	•	304	18.9	0.49	301
25.4	•	298		0.57	305	25.4	0.53	322	25.4	0.51	311	25.4	0.51	303
ď		297	•	•	307	32.0	3	325	32.0	•	306	32.0	0.51	309
38.6	•	296	•	0.58	306	38.6	0.55	318	38.6	0.53	300	38.6	0.47	302
5		297	45.1	•	307	45.1	0.54	318	45.1	•	303	45.1	0.44	308
ä	•	297		0.53	305	51.7	0.53	318	51.7	0.52	302	ы	0.44	297
φ.	•	297	•	0.54	303		0.48	Н	58.2	0.50	297	58.2	0.42	294
4.	•	293	•	0.53	301	64.8	0.50	318	•	0.42	298	•	0.39	299
H	•	289	•	0.50	295		0.48		71.4	0.37		71.4	0.20	295
7.	•	272	•	0.23	284	77.9	0.18	356	77.9	0.05	315	77.9	0.12	122
4.	0.05	245	84.5	0.11	93	85.0	btm		83.1	btm		80.8	btm	
8.5	btm		86.5	btm										

;

Table 90.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)Continued

Distance from right bank (feet)         942       989       1,020       1,050         Dpth       Vel       Hdg       Hdg       Dpth       Vel       Hdg       Hdg       Hdg       Hdg       Hdg       Hdg       Hdg       Hdg       Hdg<													
Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           Vel         280         12.3         0.39         319         12.3         0.42         298         12.3         0.58           Vel         296         25.4         0.48         31.2         25.4         0.44         293         32.0         0.64           Vel         298 <t< td=""><td></td><td></td><td></td><td>Dist</td><td>ance fro</td><td>om righ</td><td>t bank</td><td>(feet)</td><td></td><td></td><td></td><td></td><td></td></t<>				Dist	ance fro	om righ	t bank	(feet)					
Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           0.42         307         5.7         0.46         310         5.7         0.45         293         5.7         0.47           0.50         308         12.3         0.39         319         12.3         0.42         298         12.3         0.58           0.58         30.3         18.9         0.37         307         18.9         0.51         297         18.9         0.37           0.64         296         25.4         0.31         296         25.4         0.48         312         25.4         0.44           0.64         296         25.4         0.31         296         25.4         0.48         312         25.4         0.44           0.64         296         25.4         0.31         304         38.6         0.44         293         32.0         0.61           0.65         307         38.6         0.41         304         38.6         0.44         293         32.0         0.61           0.58         314         45.1         0.39         31         307         38.6			942			686			1,020			1,050	
0.42 307 5.7 0.46 310 5.7 0.45 293 5.7 0.47 0.50 308 12.3 0.39 319 12.3 0.42 298 12.3 0.58 0.58 30.3 18.9 0.37 307 18.9 0.51 297 18.9 0.37 0.64 296 25.4 0.31 296 25.4 0.48 312 25.4 0.44 0.65 307 38.6 0.41 304 38.6 0.45 302 38.6 0.44 0.58 314 45.1 0.38 316 45.1 0.49 315 45.1 0.34 0.54 308 51.7 0.34 311 51.7 0.49 300 51.7 0.48 0.58 286 64.8 0.14 155 67.3 btm 64.7 btm btm	Над	Dpth	vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
0.42 307 5.7 0.46 310 5.7 0.45 293 5.7 0.47 0.50 308 12.3 0.39 319 12.3 0.42 298 12.3 0.58 0.58 303 18.9 0.37 307 18.9 0.51 297 18.9 0.37 0.64 296 25.4 0.31 296 25.4 0.48 312 25.4 0.44 0.65 307 38.6 0.41 304 38.6 0.45 302 38.6 0.44 0.58 314 45.1 0.38 316 45.1 0.49 315 45.1 0.34 0.54 308 51.7 0.34 311 51.7 0.49 300 51.7 0.48 0.54 319 58.2 0.31 307 58.2 0.14 248 58.2 0.25 0.07 190 71.0 btm  0.07 190 71.0 btm													
0.50 308 12.3 0.39 319 12.3 0.42 298 12.3 0.58 0.58 0.58 0.58 303 18.9 0.37 307 18.9 0.51 297 18.9 0.37 0.64 296 25.4 0.31 296 25.4 0.44 293 32.0 0.35 308 32.0 0.44 293 32.0 0.61 0.65 307 38.6 0.41 304 38.6 0.45 302 38.6 0.44 0.58 314 45.1 0.38 316 45.1 0.49 315 45.1 0.34 0.54 308 51.7 0.34 311 51.7 0.49 300 51.7 0.48 0.54 319 58.2 0.31 307 58.2 0.14 248 58.2 0.25 0.07 190 71.0 btm btm	308	5.7	0.42	307	5.7	0.46	310	5.7		293	5.7	0.47	318
0.58 303 18.9 0.37 307 18.9 0.51 297 18.9 0.37 0.64 296 25.4 0.48 312 25.4 0.44 0.44 0.64 298 32.0 0.35 308 32.0 0.44 293 32.0 0.61 0.65 307 38.6 0.41 304 38.6 0.45 302 38.6 0.44 0.58 314 45.1 0.38 316 45.1 0.49 315 45.1 0.34 0.54 308 51.7 0.34 311 51.7 0.49 300 51.7 0.48 0.54 319 58.2 0.31 307 58.2 0.14 248 58.2 0.25 0.07 190 71.0 btm btm	304	12.3	0.50	308	12.3	0.39	319	12.3	0.42	298	12.3	0.58	298
0.64 296 25.4 0.31 296 25.4 0.48 312 25.4 0.44 0.44 0.64 298 32.0 0.35 308 32.0 0.44 293 32.0 0.61 0.65 307 38.6 0.41 304 38.6 0.45 302 38.6 0.44 0.65 314 45.1 0.38 316 45.1 0.49 315 45.1 0.34 0.54 308 51.7 0.34 311 51.7 0.49 300 51.7 0.48 0.54 319 58.2 0.31 307 58.2 0.14 248 58.2 0.25 0.07 190 71.0 btm btm	310	18.9	0.58	303	18.9	0.37	307	18.9	0.51	297	18.9	0.37	264
0.64 298 32.0 0.35 308 32.0 0.44 293 32.0 0.61 0.65 307 38.6 0.41 304 38.6 0.45 302 38.6 0.44 0.58 314 45.1 0.38 316 45.1 0.49 315 45.1 0.34 0.54 308 51.7 0.34 311 51.7 0.49 300 51.7 0.48 0.54 319 58.2 0.31 307 58.2 0.14 248 58.2 0.25 0.28 286 64.8 0.14 155 67.3 btm 64.7 btm 0.07 190 71.0 btm	317	25.4	0.64	296	25.4	•	296	25.4	•	312	25.4	•	286
0.65 307 38.6 0.41 304 38.6 0.45 302 38.6 0.44 0.58 314 45.1 0.38 316 45.1 0.49 315 45.1 0.34 0.54 308 51.7 0.34 311 51.7 0.49 300 51.7 0.48 0.54 319 58.2 0.31 307 58.2 0.14 248 58.2 0.25 0.28 286 64.8 0.14 155 67.3 btm 64.7 btm btm	315	32.0	0.64	298	32.0	•	308	32.0		293	32.0	•	284
0.58 314 45.1 0.38 316 45.1 0.49 315 45.1 0.34 0.54 308 51.7 0.34 311 51.7 0.49 300 51.7 0.48 0.54 319 58.2 0.31 307 58.2 0.14 248 58.2 0.25 0.25 0.07 190 71.0 btm btm	313	38.6		307	38.6	•	304	38.6	0.45	302	38.6	•	296
0.54 308 51.7 0.34 311 51.7 0.49 300 51.7 0.48 0.54 319 58.2 0.31 307 58.2 0.14 248 58.2 0.25 0.25 0.28 286 64.8 0.14 155 67.3 btm 64.7 btm btm	305	45.1		314	45.1	•	316	45.1		315	45.1	•	277
0.54 319 58.2 0.31 307 58.2 0.14 248 58.2 0.25 0.28 286 64.8 0.14 155 67.3 btm 64.7 btm 0.07 190 71.0 btm btm	318	51.7		308	51.7		311	51.7	0.49	300	51.7	•	256
0.28 286 64.8 0.14 155 67.3 btm 64.7 0.07 190 71.0 btm btm	319	58.2		319	58.2	0	307	58.2	•	248	58.2	•	198
0.07 190 71.0 btm	327	64.8	0.28	286	64.8	0.14	155		btm		7.	otm	
	202	71.4	0.07	190	0.	btm							
			btm										

Table 90.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)Continued

					Dist	Distance from right bank (feet)	m righ	t bank	: (feet)					
	1,080			1,110			1,139		, 1	1,185		-	1,214	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	над
5.7	0.20		5.7	0.40	323	5.7	0.34	287	5.7	0.36	317	5.7	0.14	299
12.3	0.45		12.3	0.36	319	12.3	0.39	297	12.3	0.34	331	12.3	0.14	258
18.9	0.55		18.9	0.42	316	18.9	0.44	315	18.9	0.34	287	18.9	0.34	305
25.4	0.41		25.4	0.49	305	25.4	0.28	319	25.4	0.36	314	25.4	0.35	311
32.0	0.50	302	32.0	0.43	315	32.0	0.35	344	32.0	0.37	337	32.0	0.21	325
38.6	09.0		38.6	0.30	262	38.6	0.35	301	38.6	0.27	296	38.6	0.27	302
45.1	0.42		45.1	0.27	325	45.1	0.28	273	45.1	0.25	294	45.1	0:30	180
51.7	0.23		51.7	0.11	136	51.7	0.09	150	51.7	0.03	7	51.7	0.27	131
58.2	0.05	90	60.3	btm		58.6	btm		56.1	btm		53.6 1	btm	
62.3	btm													

Table 90.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)Continued

					Dist	Distance from right bank (feet)	m righ	t bank	(feet)					
	1,244			1,272			1,315		•	1,344			1,372	
Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Нфд	Dpth	Vel	над
5.7	0.14		5.7	0.32		5.7	0.12		5.7	0.10		5.7	0.19	300
12.3	0.41	323	12.3	0.16		12.3	0.16		12.3	0.14	223	12.3	0.17	336
18.9	0.36		18.9	0.14	306	18.9	0.26		18.9	0.19		18.9	0.07	Ŋ
25.4	0.33		25.4	0.27	298	25.4	0.18	338	25.4	0.24		25.4	0.04	37
32.0	0.12		32.0	0.23	280	32.0	0.15		32.3	btm			btm	
38.6	0.16	354	38.6	0.33	206	38.3	btm							
45.1	0.16		45.0	btm										
49.9	btm													

Table 90.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)Continued

		Ндд	
		Vel	
		Dpth	
	1	ндд	8 8 3 5
	1,486	vel	0.01 0.06 tm
(feet)	н	Dpth	5.7 0.01 12.3 0.06 14.6 btm
bank	1	ндд	245
ı right	1,469	Vel	0.19 0.14 tm
Distance from right bank (feet)		Dpth Vel	5.7 0.19 270 12.3 0.14 245 18.9 btm
Dista		ндд	248 336
	1,440		80. 60. 80.
		Dpth Vel	5.7 0 12.3 0 18.9 0 22.0 btm
		ндд	228 217 192
	1,401	Vel	0.17 0.19 0.14 tm
		Dpth Vel	5.7 0.17 12.3 0.19 18.9 0.14 24.6 btm

Table 91.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Над	323 324 327 340
	226	Vel	0.41 0.39 0.35 0.12 btm
		Dpth	5.7 12.3 18.9 25.4
		Hdg	321 319 318
	190	Vel	0.42 0.37 0.14
(feet)	1	Dpth	5.7 0.42 12.3 0.37 18.9 0.14 25.0 btm
bank		Над	327 311
m left	156	Vel	5.7 0.30 327 12.3 0.07 311 19.0 btm
Distance from left bank (feet)		Dpth	5.7 12.3 19.0 b
Dista	İ	над	338
	121	Vel	.7 0.13 338 .0 btm
	age of a gazantia	Dpth	5.7 0 12.0 btm
		Над	138
	88	Dpth Vel Hdg Dpth	5.7 0.04 138 8.5 btm
		Dpth	8.5.7

Table 91.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)-Continued

				Dist	Distance from left bank (feet)	m left	bank	(feet)					
251	_		288			325	1		350			388	
Dpth Vel	Hdg	Dpth	vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Ндд
7 0.4		7 5.7			5.7	0.44		5.7	0.53	322	5.7	0.48	326
12.3 0.42	42 319	-			12.3	0.42		12.3	0.55	316	12.3	0.50	323
		7 18.9			18.9	0.42		18.9	0.52	316	18.9	0.51	318
		5 25.4			25.4	0.36		25.4	0.49	315	25.4	0.47	318
		32	0.20	312	32.0	0.25	320	32.0	0.46	317	32.0	0.44	317
35.8 btm		38.6			38.6	0.09		38.6	0.08	347	38.6	0.15	319
		38.8	btm		41.3	btm		43.2	btm		45.2	btm	

Table 91.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)-Continued

		Hdg	54 313						41 302		3 54	
:	547	Vel	0.54	0.55	0.52	0.52	0.53	0.49	0.41	0.23	0.03	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	59.6
		над	325	324	319	319	314	315	320	28		
	522	Vel	0.55	0.54	0.54	0.53	0.52	0.47	0.39	0.11	btm	
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	56.2	
bank		Нфд	317	318	316	313	307	305	309	45		
om left	484	Vel	0.56	0.55	0.58	0.53	0.52	0.47	0.22	0.12	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	52.6	
Dist		над	302	308	306	306	301	302	237			
	447	Vel	0.47	0.49	0.52	0.48	0.43	0.37	0.07	btm		
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	49.8		
		Hdg	311	308	305	304	299	302	225			
	423	Vel	0.52	0.55	0.55	0.55	0.48	0.32	00.0	btm		
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.6		

Table 91.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)Continued

Dista. 623	Distance from left bank (feet)		689			715	
Hdg Dpth Vel Hdg D	Dpth Vel Hdg 1	Dpth	Vel	Нфд	Dpth	Vel	Hdg
.7 0.58	0.62	5.7	0.56	321	5.7	0.61	323
12		12.3	0.56	319	12.3	0.58	320
18.9 0.58	0.65	18.9	0.55	315	18.9	0.59	317
.4 0.57	0.62	25.4	0.55	313	25.4	0.59	313
32.0 0.55	0.62	32.0	0.54	307	32.0	0.58	315
38.6 0.56	0.58	38.6	0.53	309	38.6	0.57	312
45.1 0.54	0.54	45.1	0.50	308	45.1	0.59	311
51.7 0.50	0.51	51.7	0.51	304	51.7	0.59	309
58.2 0.26	0.42	58.2	0.45	308	58.2	0.53	313
4.8 0.10	0.42	64.8	0.07	270	64.8	0.23	306
65.9 btm	64.8 0.07 29	69.7 b	btm		71.4	btm	

Table 91.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)Continued

Popth         Vel         Hdg         Dpth         Vel						Dist	Distance from left bank (feet)	m left	bank	(feet)					
Vel         Hdg         Dpth         Vel         Vel         Hdg         Dpth         Vel         Vel         Dpth         Vel         Vel         Hdg         Dpth         Vel         Dpth         Vel         Vel         Dpth         Vel		742			783			809		"	348			873	
7 0.65 323 5.7 0.56 323 5.7 0.62 324 5.7 0.59 318 5.7 0.64 3 0.65 320 12.3 0.58 321 12.3 0.59 324 12.3 0.56 317 12.3 0.55 9 0.59 318 18.9 0.59 317 18.9 0.53 317 18.9 0.55 314 18.9 0.55 14 0.60 317 25.4 0.55 313 25.4 0.50 316 25.4 0.55 314 18.9 0.50 15 0.62 317 32.0 0.55 306 32.0 0.52 306 32.0 0.52 306 32.0 0.53 16 0.62 317 38.6 0.53 304 45.1 0.52 306 38.6 0.54 311 38.6 0.55 17 0.56 309 51.7 0.54 304 51.7 0.54 305 51.7 0.56 301 51.7 0.61 18 0.32 313 64.8 0.34 313 64.8 0.44 313 64.8 0.38 304 64.8 0.37 10 0.50 btm  74.7 btm  75.6 btm  75.6 btm	pth	Vel	над	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	над
7 0.65 320 12.3 0.58 321 12.3 0.59 324 12.3 0.56 317 12.3 0.55 30 0.55 318 18.9 0.59 317 18.9 0.59 324 12.3 0.55 314 18.9 0.55 31 0.55	ני	ć u	c c	1		c c	1	c c	Č	r	с и	0	n L	Č	C
9 0.59 318 18.9 0.59 317 18.9 0.53 317 18.9 0.55 314 18.9 0.50 318 0.60 317 25.4 0.50 316 25.4 0.55 314 18.9 0.50 31 0.50 31 0.50 31 0.50 31 0.50 31 0.50 31 0.50 31 0.50 31 0.50 32.0 0.52 306 32.0 0.53 300 32.0 0.52 306 32.0 0.54 311 38.6 0.55 31 0.50 32.0 0.53 31 0.59 31 0.59 31 0.54 304 45.1 0.52 303 45.1 0.57 306 45.1 0.60 31 0.56 309 51.7 0.54 304 51.7 0.54 305 51.7 0.56 301 51.7 0.56 309 51.7 0.54 305 58.2 0.54 305 58.2 0.50 298 58.2 0.56 30 0.50 20 0.5	2 0		320		0.58	321	12.3	0.59	324	12.3	0.56	317	12.3	0.55	326
4         0.60         317         25.4         0.55         316         25.4         0.50         316         25.4         0.50         316         25.4         0.50         311         25.4         0.50         32.0         0.52         306         32.0         0.52         306         32.0         0.52         306         32.0         0.52         306         32.0         0.52         306         32.0         0.52         306         32.0         0.52         306         32.0         0.52         306         32.0         0.52         306         32.0         0.53         306         32.0         0.54         311         38.6         0.53         0.55           1         0.59         312         45.1         0.52         303         45.1         0.54         305         51.7         0.56         301         51.7         0.60           2         0.54         303         58.2         0.54         305         58.2         0.50         298         58.2         0.56           3         0.54         303         43.8         0.34         313         64.8         0.38         304         64.8         0.37           0         btm	•	•	318	•	0.59	317	18.9	0.53	317	18.9	0.55	314	18.9	0.50	323
.0       0.62       317       32.0       0.52       306       32.0       0.52       306       32.0       0.53       30.0       32.0       0.52       306       32.0       0.52       306       32.0       0.53       31       38.6       0.53         1       0.59       317       38.6       0.52       306       38.6       0.54       311       38.6       0.55         1       0.59       312       45.1       0.53       304       45.1       0.54       305       51.7       0.56       301       51.7       0.60         .       0.54       303       58.2       0.54       305       58.2       0.56       305       58.2       0.56         .       0.54       303       58.2       0.54       305       58.2       0.50       298       58.2       0.56         .       0.54       303       44.8       0.44       313       64.8       0.38       304       64.8       0.37         .       0.54       0.52       305       71.4       0.13       346       71.4       0.21         .       0.54       0.56       0.50       29       71.4       0.13	25.4	•	317		0.55	313	25.4	0.50	316	25.4	•	311	25.4	0.50	318
.6 0.62 317 38.6 0.53 303 38.6 0.52 306 38.6 0.54 311 38.6 0.55  .1 0.59 312 45.1 0.53 304 45.1 0.52 303 45.1 0.57 306 45.1 0.60  .7 0.56 309 51.7 0.54 304 51.7 0.54 305 51.7 0.56 301 51.7 0.61  .2 0.54 303 58.2 0.51 305 58.2 0.54 305 58.2 0.50 298 58.2 0.56  .8 0.32 313 64.8 0.34 313 64.8 0.44 313 64.8 0.38 304 64.8 0.37  .0 btm 71.4 0.03 209 71.4 0.12 332 71.4 0.13 346 71.4 0.21  74.7 btm 76.2 btm 76.2 btm 76.4 btm 75.6 btm	32.0	•	317	32.0	•	306	32.0	•	306	32.0	•	306	32.0	0.53	319
.1 0.59 312 45.1 0.53 304 45.1 0.52 303 45.1 0.57 306 45.1 0.60 .7 0.56 309 51.7 0.54 304 51.7 0.54 305 51.7 0.56 301 51.7 0.61 .2 0.54 303 58.2 0.51 305 58.2 0.54 305 58.2 0.50 298 58.2 0.56 .8 0.32 313 64.8 0.34 313 64.8 0.44 313 64.8 0.38 304 64.8 0.37 .0 btm 71.4 0.03 209 71.4 0.12 332 71.4 0.13 346 71.4 0.21 74.7 btm 76.2 btm 76.2 btm 75.6 btm	38.6	•	317	•	•	303	38.6	•	306	38.6	•	311	38.6		317
.7 0.56 309 51.7 0.54 304 51.7 0.54 305 51.7 0.56 301 51.7 0.61 3.2 0.54 303 58.2 0.51 305 58.2 0.54 305 58.2 0.50 298 58.2 0.56 304 313 64.8 0.34 313 64.8 0.34 313 64.8 0.34 313 64.8 0.37 71.4 0.03 209 71.4 0.12 332 71.4 0.13 346 71.4 0.21 74.7 btm 76.2 btm 76.2 btm 76.4 btm 75.6 btm	ß	•	312	45.1	•	304	45.1	•	303	45.1	•	306	45.1		313
.2 0.54 303 58.2 0.51 305 58.2 0.54 305 58.2 0.50 298 58.2 0.56 .8 0.32 313 64.8 0.34 313 64.8 0.44 313 64.8 0.38 304 64.8 0.37 .0 btm 71.4 0.03 209 71.4 0.12 332 71.4 0.13 346 71.4 0.21 74.7 btm 76.2 btm 76.2 btm 75.6 btm	H	•	309		•	304	51.7	•	305	51.7	•	301	51.7		313
.8 0.32 313 64.8 0.34 313 64.8 0.44 313 64.8 0.38 304 64.8 0.37 .0 btm 71.4 0.03 209 71.4 0.12 332 71.4 0.13 346 71.4 0.21 74.7 btm 76.2 btm 76.2 btm	φ.	ς.	303	58.2	•	305	58.2	•	305	58.2	•	298	58.2	0.56	310
.0 btm 71.4 0.03 209 71.4 0.12 332 71.4 0.13 346 71.4 0.21 35 75.6 btm 76.2 btm 76.2 btm	4.	ω.	313		•	313		•	313	•	•	304		0.37	301
.7 btm 76.2 btm 76.4 btm 75.6	0.	btm		71.4	•	209	71.4	-	332	71.4	•	346	71.4	•	350
				7.	btm		7	btm		4	btm		9.	btm	

Table 91.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)-Continued

		Нфд						306					
	1,047	Vel	0.63	0.64	0.63	0.63	0.61	0.58	0.36	0.26	btm		
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	57.7		
		Нфд	321	318	315	313	310	308	306	312	26		
	1,011	Vel	0.67	0.68	0.66	0.64	0.61	0.59	0.52	0.36	0.02	btm	
(feet)	T	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	62.4 k	
bank		рн	321	319	317	318	315	313	313	315	315	20	
m left	974	Vel	0.68	0.66	•	0.62	•	0.58	0.56	•	0.15	0.05	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	65.2 h
Dista		Нфд	320	318	315	315	316	314	311	309	318	345	
	949	Vel	0.59	09.0	0.59	0.58	0.51	0.55	0.55	0.47	0.28	0.11	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	69.5
		Hdg	321	320	318	317	317	312	307	311	311	318	
	912	Vel	0.57	0.59	0.62	0.62	•	0.57	•	•	0.50	0.23	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	73.6 k

Table 91.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)Continued

Dpth       Vel       Hdg       Dpth       Vel       Hdg       Dpth       Vel       Hdg       Dpth         5.7       0.69       320       5.7       0.72       317       5.7       0.74       320       5.7         12.3       0.68       317       12.3       0.70       315       12.3       0.74       320       5.7         18.9       0.67       310       18.9       0.69       317       18.9         25.4       0.66       308       25.4       0.60       309       25.4       0.55       319       25.4         32.0       0.58       305       32.0       0.38       305       32.0       0.35       33.1       b         45.1       0.11       266       45.8       btm	Distance from left bank (feet)	e from	left }	oank	(feet)					
Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth           0.69         320         5.7         0.72         317         5.7         0.74         320         5.7           0.68         317         12.3         0.70         315         12.3         0.74         320         5.7           0.68         317         18.9         0.67         310         18.9         0.69         317         18.9           0.66         308         25.4         0.60         309         25.4         0.55         319         25.4           0.58         305         32.0         0.38         305         32.0         0.35         33:1         b           0.33         305         38.6         0.22         338         40.0         btm           0.11         266         45.8         btm		1,	142			1,176	ŀ		1,210	
0.69 320 5.7 0.72 317 5.7 0.74 320 5.7 0.68 317 12.3 0.70 315 12.3 0.74 320 12.3 0.67 310 18.9 0.69 317 18.9 0.66 308 25.4 0.60 309 25.4 0.55 319 25.4 0.58 305 32.0 0.35 335 33.1 0.33 305 38.6 0.22 338 40.0 btm		:		нда	Dpth	vel	ндд	Dpth	Vel	ндд
0.69 320 5.7 0.72 317 5.7 0.74 320 5.7 0.68 317 12.3 0.70 315 12.3 0.74 320 12.3 0.67 310 18.9 0.67 310 18.9 0.69 317 18.9 0.66 308 25.4 0.60 309 25.4 0.55 319 25.4 0.58 305 32.0 0.38 305 32.0 0.35 335 33.1 0.33 305 38.6 0.22 338 40.0 btm										
0.68 317 12.3 0.70 315 12.3 0.74 320 12.3 0.67 310 18.9 0.67 310 18.9 0.69 317 18.9 0.66 308 25.4 0.60 309 25.4 0.55 319 25.4 0.58 305 32.0 0.35 335 33.1 0.33 305 38.6 0.22 338 40.0 btm	317			320	5.7	0.59	309	5.7	0.67	315
0.67 310 18.9 0.67 310 18.9 0.69 317 18.9 0.66 308 25.4 0.60 309 25.4 0.55 319 25.4 0.58 305 32.0 0.35 335 33.1 0.33 305 38.6 0.22 338 40.0 btm	315			320	12.3	0.57	311	12.3	0.61	315
0.66 308 25.4 0.60 309 25.4 0.55 319 25.4 0.58 305 32.0 0.35 335 33.1 0.33 305 38.6 0.22 338 40.0 btm	310			317	18.9	0.42	312	18.9	0.37	328
0.58 305 32.0 0.38 305 32.0 0.35 335 33.1 0.33 305 38.6 0.22 338 40.0 btm 0.11 266 45.8 btm	309			319	25.4	0.12	336	25.4	0.08	352
0.33 305 38.6 0.22 338 40.0 0.11 266 45.8 btm	305			335		btm			btm	
0.11 266 45.8	338	40.0 btr	Æ							
52.0 btm										

Table 91.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)Continued

		Hdg	305 280 221
	1,367	Vel	0.53 0.19 0.27 btm
		Dpth Vel	5.7 12.3 18.9 19.7 k
	-	Hdg	317 310 309
	1,336	Vel	0.70 0.63 0.16 btm
(feet)	-	Dpth Vel	5.7 12.3 18.9 24.6 b
bank		Hdg	318 310 101
n left	1,302	vel	50 02 02
Distance from left bank (feet)		Dpth Vel	5.7 0. 12.3 0. 18.9 0. 25.0 btm
Dista		Hdg	317 309 308
	1,267		0.55 0.47 0.06 btm
		Dpth Vel	5.7 12.3 18.9 25.5 b
		Hdg	317 313 328
	1,245		0.62 0.50 0.12 btm
		Dpth Vel	5.7 12.3 18.9 26.4 b

Table 92.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	319	307	294	296	325	324	266	
	205	Vel	0.29	0.28	0.31	0.36	0.18	0.22	0.14	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	30.0
		Hdg	308	325	315	295	346	302		
	175	Vel	0.42	0.40	0.50	0.26	0.22	0.28	btm	
(feet)	<b>, , , , , , , , , , , , , , , , , , , </b>	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	25.6	
bank		Ндд	318	323	320	324				
m left	146	Vel	0.33	0.32	0.23	0.26	btm			
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	18.8			
Dista		Hdg	346	23						
	109	Vel	0.32	0.25	btm					
		Dpth Vel		7.4	10.2					
			65							
	74	Dpth Vel Hdg	4.1 1.1	btm						
		Dpth	4.1	4.9						

Table 92.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst)-Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	243			272			311		-	341			371	
Dpth	Vel	ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1			4.1	0.40	315	4.1	0.49	313	4.1	0.41	329	4.1	0.39	316
7.4	0.38	320	7.4	0.43	323	7.4	0.42	312	7.4	0.45	321	7.4	0.34	319
10.7			10.7	0.37	307	10.7	0.40	318	10.7	0.32	330	10.7	0.36	332
13.9			13.9	0.33	305	13.9	0.46	321	13.9	0.37	318	13.9	0.36	321
17.2			17.2	0.24	280	17.2	0.42	309	17.2	0.32	303	17.2	0.37	315
20.5			20.5	0.26	319	20.5	0.36	286	20.5	0.35		20.5	0.33	302
23.8			23.8	0.13	23	23.8	0.40	300	23.8	0.23		23.8	•	298
27.1			27.1	0.22	326	27.1	0.39	308	27.1	0:30		27.1	0.29	282
30.3			30.3	0.18	302	30.3	0.38	274	30.3	0.31	314	30.3	0.30	293
33.3	btm		33.6	0.03	174	33.6	0.28	275	33.6	0.23	309	33.6	0.36	318
			36.1	btm		36.9	0.13	252	36.9	0.11	221	36.9	0.29	331
						38.3	btm		40.2	0.06	63	40.2	0.08	85
									40.5	btm		42.6	btm	

Table 92.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst)-Continued

				)   	Distance iro	n rerr	pank	rrom reit bank (reet)					
402			443			474	1	-,	505			536	
Vel	над	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
	322		•	~	4.1	0.57	314	•	0.63	က	•	•	325
0.36	323	7.4	0.45	327	7.4	4.	318	7.4	0.62	326	•	0.55	326
4.	320	0	0.40	$^{\circ}$	0	3	Н	0	ъ.	N	10.7		3
	320	13.9	0.40	324	13.9	•	317	13.9		Н	•	٦.	2
ω.	309	7	0.43	-	7.	.5	0	7.	0.53	0	7.	0.56	322
ε.	311	。	<b>е</b>	$^{\circ}$		.5	2	0	4.	Н	0	4.	$^{\circ}$
2	312	æ.	0.42	-	æ,	0.46	0	Э.	0.53	H	æ.	0.48	Н
7	303	7.	•	$^{\circ}$	7.	•	H	7.	•	Н	7	0.53	Н
2	302	ö	0.38	0		0.51	3	ö	4.	Н	ö	4.	Н
4	303	e.	0.46	ത	æ.	0.54	Н	ω.	0.40	Н	ω.	0.45	H
۲.	303	ø.	ε.	$^{\circ}$	9	0.49	Н	9	0.44	0	ė.	4.	0
H.	258	0	0.36	-	0	ε.	0	0	0.47	Н	0	.5	0
btm		æ.	0.22	307	43.5	0.40	0	43.5	0.38	Н	•	0.46	320
		ø.	0.17	9		0.21	Н	•	0.31	Н	•	4.	2
		φ.	btm			btm			0.23	2		0.32	က
								55.2	btm		53.3		339
											0	4.4	

Table 92.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	567			598			630			672			704	
Dpth	Vel	Hdg	Dpth	Vel	нда	Dpth	Vel	ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	9	$\vdash$	4.1	9.	-	•	. 7	321			N	•	•	324
7.4	0.56	315	7.4	09.0	321	7.4	0.68	321	7.4	0.65	325	7.4	0.63	323
0	9.	$^{\circ}$	0	9.	$^{\circ}$	0	9.	321	0	9.	$^{\circ}$	0	•	317
13.9	.5	Н		.5	Н		9.	318	13.9	٠	$^{\circ}$	13.9	•	316
7.	.5	$\vdash$	7.	9.	$\vdash$	7.		317	7.	0.62	-	7.	•	313
0	.5	Н	0	.5	Н	0	.5	315	0	.5	$\leftarrow$	。	•	322
ë.	.5	Н	ë.	3.	Н	æ.	5.	314	ω,	5.	$\leftarrow$	ω,	•	314
7.	٠4	Н	7.	.5	0	7.	.5	311	7.	.5	Н	7.	•	312
0	.5	0	0	09.0	0	0		315	0	•	-	。	•	313
ω.	.5	0	ω.	.5	Н	ω,	.5	314	ω,	.5	$\vdash$	ω.	•	315
9	.5	0	6.	.5	0	9	.5	310	ė	•	-	ė.	•	310
0	0.45	0	0	0.52	0	0		305	0	5	Н		•	312
'n	4.	0	ω,	.5	0	ω,	.5	310	ω,	•	0	φ.	•	311
ė.	4.	0	ė.	5.	0	9	.5	315	9	.5	0	9	•	305
ö	0.45	Н	ö	.5	0	•	0.47	310	ö	0.50	0	ö	•	305
ω,	ω.	0	ω,	0.50	0	ω.	0.44	314	ω,	4.	0	æ.	•	308
9	۲.	0	ė.	ω.	$^{\circ}$	ė.	4.	315	ė.	4.	1	ø.	•	305
о О	°	47	ف	0.09	0	е	0.24	325	9.	0.38	Н	9	•	309
9.0	btm		5.6	btm		ω,		52	ω,		8	ω,	•	312
				٠			btm			btm		•	•	245
												7.8	btm	

Table 92.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	736			167			798		<b>w</b>	830			863	
Dpth	Vel	НФд	Dpth	Vel	нда	Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	Ндд
•	7.	~~	4.1	.7	~	4.1	7.	~	4.1	0.73	~~	•	•	0
	0.69	326	7.4	0.65	314	7.4	0.66	321	7.4	0.67	319		0.67	327
。	9	$^{\circ}$	0	9.	Н	0	. 7	$^{\circ}$	0	9.	Н	。	9.	0
ω,	9	0	ω,	0.63	H	ω,	0.73	H	ω,	9	Н	Э.	•	Н
7.	9.	$^{\circ}$	7.	9.	Н	7.	. 7	0	7.	.5	0	7.	9.	0
	ŗ.	$^{\circ}$	ö	9.	Н	ö	9	Н	0	z.	0	$\dot{\circ}$	9.	Н
Э.	Ď.	Н	e,	•	Н	ω,	9.	Н	e,	9.	0	ω,	9.	Н
7.	.5	Н	7	9.	0	7	9.	H	7	.5	H	7.	9.	Н
ö	٦.	Ч		.5	0	ö	9.	Н	0	.5	Н	。	9.	Н
ω.	9	H	ω.	.5	0	3.	0.62	0	ω,	.5	0	ω,	ი.	Н
9	5	Н	9	.5	0	ė.	.5	0	9	.5	Н	9	.5	Н
0	.5	0		9.	0	0	5	0	0	9.	Н	。	9.	0
ω,	ı.	0	e,	9.	0	ω.	.5	Н	ω.	3.	Н	ω,	9.	0
9	ι,	-	9	٠.	0	ė.	.5	Н	ė.	5	0	9	9.	0
0	Ď,	0	0		0	0	0.55	Н	0	ა.	0	。	9.	0
ω,	ι,	0	ω.	.5	Н	ω,	ι,	0	ω.	.5	0	Э.	.5	Н
9	4.	0	9	.5	Н	9	3.	0	9	0.42	$\vdash$	9	ω.	Н
9.	4.	0	6	4.	Н	о О	.5	Н	o,	4.	Н	6	4.	0
ω.	ω.	$^{\circ}$	ω,	0.44	Н	63.2	0.47	Н	63.2	0.35	0	63.2	0.20	$^{\circ}$
66.4	0.	56	66.4	0.17	$^{\circ}$	ė.	0:30	4	•	0.17	4	9.8	btm	
9.4	btm		7.0	btm		71.3	btm		0.5	btm				

Table 92.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst)-Continued

					Distance	ance from	m left	bank	(feet)					
	968			930			962			993			1,024	
Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	ндд	Dpth	Vel	над	Dpth	Vel	Ндд
•	. 7	က	4.1	. 7	~	•	φ.	~	•	0.77	~	•	. 7	$\leftarrow$
•	0.71	321	7.4	0.79	322	•	0.81	326	7.4	0.75	312	7.4	0.67	319
0	9.	$^{\circ}$	ö	۲.	$^{\circ}$	ö	. 7	$\vdash$	ö	٠.	Н	ö	9.	Н
ω,	9.	$^{\circ}$	ω.	. 7	2	ë.	٠.	$\vdash$	æ.	9.	$\vdash$	ω.	9.	Н
7.	9.	$^{\circ}$	17.2	۰.	$^{\circ}$	17.2	0.76	$\vdash$	17.2	0.69	П	17.2	9.	Н
0	9.	Н	0	9.	$^{\circ}$	0	٠.	$\vdash$	ö	9.	$\vdash$	0	٠.	0
ω.	ъ.	Н	ω.	9.	$^{\circ}$	ω.	9.	Н	e,	9.	Н	ω.	.5	7
7.	٠.	Н	7.	9.	Н	7.	٠.	$\vdash$	7.	9.	Н	7.	9.	$\vdash$
0	υ.	0	。	0.65	$\vdash$	0	. 7	0	0	0.73	Н	0	9.	0
Э.	9.	0	Э.	. 7	$\vdash$	ω.	0.69	$\vdash$	ë.	9.	Н	æ.	.5	$\vdash$
ė.	9.	0	9	0.65	0	9	9.	$\vdash$	ė.	0.62	Н	9	٦.	$^{\circ}$
0	9.	σ	ö	9.	0	ö	9.	$\vdash$	ö	9.	$\vdash$	0	ω.	$^{\circ}$
ë.	3	0	ë.	.5	0	ë.	ı.	$\vdash$	ω.	.5	0	s.		0
ė.	9.	0	ė.	0.59	0	ė.	ī.	$\vdash$	6.	0.38	$\vdash$	8.7	btm	
0	4.	0	0	.5	Н	$\dot{\circ}$	0.45	$\vdash$	•	0.27	Н			
ω,	4.	6	3	0.39	$\vdash$	'n	ω.	$^{\circ}$	5.2	btm				
ė.	ω.	0	ė.	0.33	0	9	0.28	0						
9	7	0	6	0.14	Н	9.6	btm							
63.2	۲.	S	ω.	btm										
6.1	btm													

Table 92.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst)Continued

				1	Distance from Left bank (feet)	יוו דבדוו	bank	(teet)					
1,066			1,095			1,125			1,164			1,192	
Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	ндд	Dpth	Vel	Над
.72		4.1	0.78	311	4.1	0.82		4.1	0.81	312	4.1	0.81	308
.67		7.4	0.80	311	7.4	0.81		7.4	0.76	312	7.4	0.75	311
.62		10.7	0.83	310	10.7	0.79		10.7	0.65	310	10.7	0.64	308
79.0		13.9	0.85	317	13.9	0.68		13.9	0.57	319	13.9	0.33	328
79.0	321	17.2	0.76	313	17.2	0.64	314	17.2	0.21	325	17.2	0.08	96
79.0			0.69	305	20.5	0.39	332	20.5	0.08	288		btm	
99.0		23.8	0.62	312	23.8	0.26	225		btm				
0.58			0.25	341		btm							
0.42		30.8	btm										
btm													

Table 92.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst)Continued

	ı	ы	,-I	က	6			
		Hdg		303				
	1,353	Vel	0.68	0.54	0.02	btm		
		Dpth	4.1	7.4	10.7	12.8		
		Hdg	304	301	302	319		
	1,327	Vel	0.80	0.70	0.45	0.48	btm	
(feet)	F-1	Dpth	4.1	7.4	10.7	13.9		
bank		Hdg	308	311	312	329	106	
n left	1,291	Vel	0.79	0.72	0.43	0.13	0.18	t m
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	19.9 btm
Dista		Hdg	312	311	317	12		
	1,255	Vel	0.85	0.78	0.58	0.29	btm	
		Dpth	4.1	7.4	10.7	13.9	17.3 1	
	1	Hdg	303	305	308	323		
	1,228	Vel	1.0	0.91	0.80	0.15	tm	
		Dpth	4.1	7.4	10.7 0.	13.9	16.8 b	

Table 92.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst)Continued

	<u>p</u>	
	Hdg	
	Vel	
	Dpth	
	над	
	Vel	
(feet)	Dpth	
bank	Нфд	
m left	Ve1	
Distance from left bank (feet)	Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel	
Dista	Hdg	
	Vel	
	Dpth	
	Нфд	314
1,362	Vel	4.1 0.53 3 7.4 0.67 3 10.9 btm
	Dpth Vel	4.1 7.4 10.9

Table 93.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Нфд	140	175	157	195	
	208	Vel	0.11	0.22	0.25	0.10	otm
		Dpth	5.7	12.3	18.9	25.4	29.9 btm
		над	192	167	150		
	177	Vel	0.23	0.28 167	0.28	tm	
(feet)	1	Dpth				27.0 btm	
bank		Ндд	170	174	22		
n left	146	Vel	0.21	0.22 174	0.17	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	22.2 b	
Dista		ндд	152	146			
	112	Vel	0.40	0.09	tm tm		
		Dpth Vel Hdg Dpth Vel	5.7	12.3 0.09 146	16.1 b		
		ндд	35				
	81	Vel	0.11	9.4 btm			
		Dpth	5.7	9.4 b			

Table 93.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)Continued

Distance from left bank (feet)	270 302 336 369	Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	.7 0.07 154 5.7 0.10 105 5.7 0.04 122 5.7 0.30 343   .3 0.09 109 12.3 0.06 170 12.3 0.09 299 12.3 0.23 328   .9 0.09 180 18.9 0.13 173 18.9 0.05 243 18.9 0.22 329   .4 0.17 187 25.4 0.14 236 25.4 0.09 252 25.4 0.14 5   .0 0.10 9 32.0 0.09 335 32.0 0.14 201 32.0 0.20 302
ft bank			
rom le	302		
tance f			
Dis		Hdg	
	270	Vel	
		Dpth	5.7 12.3 18.9 25.4 32.0
		Ндд	194 272 213 176
	239	Vel	0.15 0.08 0.11 0.05 btm
		Dpth	5.7 12.3 18.9 25.4

Table 93.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)Continued

			Dist	Distance from left bank (feet)	m left	bank	(feet)					
437	437				472		_,	505			539	
Hdg Dpth Vel H	Vel	Ħ	над	Dpth	Vel	над	Dpth	Vel	Над	Dpth	Vel	Hdg
5.7 0.14	0.14	m	319	5.7	0.34	328	5.7	0.31	332	5.7	0.35	344
12.3 0.13	0.13	.,	340	12.3	0.29	334	12.3	0.26	330	12.3	0.40	339
18.9 0.21	0.21	٠.,	328	18.9	0.40	322	18.9	0.31	325	18.9	0.39	330
25.4 0.19	0.19		324	25.4	0.38	313	25.4	0.33	334	25.4	0.36	327
270 32.0 0.07	0.07		285	32.0	0.27	333	32.0	0.26	310	32.0	0.31	325
38.6 0.09	60.0		236	38.6	0.27	320	38.6	0.26	322	38.6	0.30	324
45.6 btm				45.1	0.10	358	45.1	0.17	318	45.1	0.29	327
				49.5	btm		53.4	btm		51.7	0.09	12
										56.6	btm	

Table 93.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)-Continued

		Hdg		329	334	333	325	319	317	323	320	324	
	969	Vel		0.34	0.40	0.40	0.40	0.43	0.43	0.42	0.44	0.20	btm
		Dpth		5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	66.0 h
	Ì	Hdg		329	328	322	315	320	316	309	309	320	
	664	Vel		0.32	0.35	0.38	0.40	0.37	0.37	•	•	0.07	btm
		Dpth		5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.2 1
	bank	Hdg		330	336	333	326		324		320	344	
i	m left 633	Vel		0.38	0.41	0.41	0.42	0.40	0.37	0.39	0.36	0.07	btm
	Distance from left bank (feet) 633	Dpth	Barana Barana	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	62.5
	Dist	Нфд		330	328	326	326	317	307			70	
	601	Vel		0.40	0.44	0.37	0.35	0.36	0.37	0.37	0.29	0.05	btm
		Dpth		5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	61.0 ]
		Hdg		340	334	322	312	310	307	299	286		
	570	Vel		0.33	0.36	0.32	0.32	0.30	0.30	0.30	0.13	btm	
		Dpth		5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	59.1 k	

Table 93.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)Continued

		Над	330	318	316	314	311	312	322	322			
	866	Vel	0.41	0.36	0.43	0.37	0.42	0.42	0.33	0.15	btm		
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	57.4		
		Ндд	329	331	325	322	321	320	322	322	31		
	834	Vel	0.47	0.52	0.54	0.49	0.48	0.51	0.54	0.42	0.14	btm	
1009		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	62.3	
1 1 1	Dallk	Hdg	326	335	326	331	328	324	325	324	322	47	
1	802	Vel	0.45	0.50	0.47	0.45	0.43	0.45	0.39	0.38	0.29	0.11	btm
9	802	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	67.0
	,	Над	338	327	335	331	322	318	322	323	333	149	
	760	Vel	0.36	0.36	0.34	0.33	0.38	0.43	0.44	0.43	0.50	0.02	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	8.3
		Hdg	329	329	333	328	315	305	311	309	309	22	
	728	Vel	0.33	0.38	0.31	0.29	0.39	0.49	0.44	0.45	0.34	0.11	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	

Table 93.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)Continued

Popth         Vel         Hdg         Dpth         Vel         Hdg         Ppth         Vel         Hdg           5.7         0.35         320         5.7         0.28         320         5.7         0.42         305           18.9         0.35         319         12.3         0.28         320         18.9         0.32         300         18.9         0.35         291           18.9         0.35         310         32.0         0.34         308         25.4         0.35         295         25.4         0.35         291           32.0         0.37         310         38.0         0.23         310         38.0						Dist	ance fro	m left	bank	(feet)					
Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Vel         Hdg         Dpth         Vel           0.35         320         5.7         0.28         322         12.3         0.28         294         12.3         0.35         304         12.3         0.39           0.36         318         18.9         0.30         313         18.9         0.28         291         18.9         0.35         304         12.3         0.35           0.35         310         32.0         0.23         310         32.0         0.27         296         32.0         0.19           0.35         314         45.1         0.07         310         45.1         0.16         83         42.4         btm	<b></b>	897			930			963			995			1,025	
0.35 320 5.7 0.27 320 5.7 0.28 309 5.7 0.35 299 5.7 0.42 0.35 319 12.3 0.28 322 12.3 0.28 294 12.3 0.35 304 12.3 0.39 0.39 0.39 0.35 319 12.3 0.28 322 12.3 0.28 291 18.9 0.32 300 18.9 0.35 0.35 308 25.4 0.34 309 25.4 0.24 305 25.4 0.35 295 25.4 0.32 0.37 312 32.0 0.34 308 32.0 0.23 310 32.0 0.27 296 32.0 0.19 0.35 310 38.6 0.35 310 38.6 0.12 303 38.6 0.05 97 37.2 btm 0.06 263 50.8 btm 47.7 btm		7el	над		Vel	над	Dpth	vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Hdg
0.35 320 5.7 0.27 320 5.7 0.28 309 5.7 0.35 299 5.7 0.42 0.35 319 12.3 0.28 322 12.3 0.28 294 12.3 0.35 304 12.3 0.39 0.39 0.36 318 18.9 0.30 313 18.9 0.28 291 18.9 0.32 300 18.9 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35															
0.35 319 12.3 0.28 322 12.3 0.28 294 12.3 0.35 304 12.3 0.39 0.39 0.36 318 18.9 0.30 313 18.9 0.28 291 18.9 0.32 300 18.9 0.35 0.35 0.35 0.35 0.35 308 25.4 0.34 309 25.4 0.24 305 25.4 0.35 295 25.4 0.32 0.37 312 32.0 0.34 308 32.0 0.23 310 32.0 0.27 296 32.0 0.19 0.35 310 38.6 0.35 310 38.6 0.12 303 38.6 0.05 97 37.2 btm 0.22 314 45.1 0.07 310 45.1 0.16 83 42.4 btm 47.7 btm	7	0.35	320	5.7	0.27	320	5.7	0.28	309	5.7	0.35	299	5.7	0.42	305
0.36 318 18.9 0.30 313 18.9 0.28 291 18.9 0.32 300 18.9 0.35 0.35 0.35 308 25.4 0.34 309 25.4 0.24 305 25.4 0.35 295 25.4 0.32 0.32 0.32 0.32 0.32 0.32 0.35 310 38.6 0.35 310 38.6 0.35 310 38.6 0.07 310 45.1 0.07 310 45.1 0.16 83 42.4 btm btm		0.35	319		0.28	322	12.3	0.28	294	12.3	0.35	304	12.3	0.39	300
0.35 308 25.4 0.34 309 25.4 0.24 305 25.4 0.35 295 25.4 0.32 0.33 312 32.0 0.34 308 32.0 0.23 310 32.0 0.27 296 32.0 0.19 0.35 310 38.6 0.12 303 38.6 0.05 97 37.2 btm 0.22 314 45.1 0.07 310 45.1 0.16 83 42.4 btm 47.7 btm btm		0.36	318		0.30	313	18.9	0.28	291	18.9	0.32	300	18.9	0.35	292
0.37 312 32.0 0.34 308 32.0 0.23 310 32.0 0.27 296 32.0 0.19 0.35 310 38.6 0.35 310 38.6 0.12 303 38.6 0.05 97 37.2 btm 0.22 314 45.1 0.07 310 45.1 0.16 83 42.4 btm 47.7 btm btm		0.35	308		0.34	309	25.4	0.24	305	25.4	0.35	295	25.4	0.32	281
0.35 310 38.6 0.35 310 38.6 0.12 303 38.6 0.05 97 37.2 0.22 314 45.1 0.07 310 45.1 0.16 83 42.4 btm 47.7 btm btm		0.37	312		0.34	308	32.0	0.23	310	32.0	0.27	296	32.0	0.19	260
0.22 314 45.1 0.07 310 45.1 0.16 83 42.4 0.06 263 50.8 btm 47.7 btm btm		0.35	310		0.35	310	38.6	0.12	303	38.6	0.05	97		btm	
0.06 263 50.8 btm 47.7 btm		0.22	314	•	0.07	310	45.1	0.16	83	4.	btm				
		90.0	263	∞.	btm			btm							
		Ħ													

Table 93.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)-Continued

		Hdg	229 258
	1,188	Vel	.06
		Dpth Vel	5.7 0 12.3 0 14.8 btm
		Нфд	232 266
	1,160	Vel	0.25 0.12 otm
(feet)	1	Dpth Vel Hdg	5.7 0.25 232 12.3 0.12 266 16.2 btm
bank		Hdg	289 303
m left	1,122	Vel	5.7 0.28 289 12.3 0.11 303 18.8 btm
Distance from left bank (feet)		Dpth Vel Hdg	5.7 0 12.3 0 18.8 btm
Dista		Ндд	300 296 26 <b>4</b>
	1,094		5.7 0.33 300 12.3 0.31 296 18.9 0.10 264 23.7 btm
		Dpth Vel	5.7 0 12.3 0 18.9 0 23.7 btm
		Ндд	313 306 302 312
	1,054	Opth Vel	5.7 0.42 12.3 0.43 18.9 0.38 25.4 0.11 31.3 btm
		Dpth	5.7 12.3 18.9 25.4

Table 93.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)Continued

	НФд	
	Vel	
	Dpth Vel Hdg Dpth Vel	
	Hdg	
	Vel	
(feet)	Dpth	
bank	Над	338 8
m left 1,275	Vel	5.7 0.02 338 9.0 btm
Distance from left bank (feet)	Dpth Vel Hdg Dpth Vel Hdg	5.7
Dista	НФЗ	214
1,254	Vel	5.7 0.06 214 1.4 btm
	Dpth	5.7
	Над	223
1,225	Vel	5.7 0.07 223 13.2 btm
	Dpth Vel	5.7

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	271	271	272	272	271	287	292	281	
	142	Vel	0.14	0.14	0.14	0.14	0.11	0.10	0.10	90.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	59.0
		Нфд	271	288	290	295	288	296	329		
	117	Vel	0.12	0.08	0.16	0.16	0.17	0.16	0.15	btm	
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	54.2	
bank		ндд	285	289	291	295	293	17			
m left	97	Vel	0.11	0.11	0.11	0.12	0.11	0.31	btm		
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	46.7		
Dist		ндд	293	291	287	301					
	73	Vel	0.12	0.11	0.12	0.07	btm				
		Dpth	5.7	12.3	18.9	25.4	38.0				
		ндд	350	355	358	თ	27	54			
	54	Dpth Vel Hdg	0.16	0.16	0.17	0.20	0.17	0.11	btm		
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6			

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)-Continued

	e	1 Hdg		0.27 264	0.26 265	0.21 261	0.22 246	.21 258	0.19 254	.17 273	.10 256		
	313	ch Vel		5.7 0.	12.3 0.			0	38.6 0	45.1 0.	1.7 0	58.9 btm	
		y Dpth									S		
		над			270							181	
	280	Vel		0.28	0.21	0.18	0.19	0.19	0.08	0.13	0.17	0.10	btm
(feet)		Dpth		5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	60.8
bank		Hdg		260		259	257	270	283	272	278	188	
om left	248	Vel		0.10	0.20	0.20	0.29	0.27	0.28	0.15	0.13	0.04	btm
Distance from left bank (feet)		Dpth		5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	62.3
Dist		Hdg	į		272	268	264	263	259	270	237	187	
	216	Vel		0.19	0.19	0.19	0.18	0.19	0.14	0.19	0.21	0.05	btm
		Dpth		5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	62.3
		над		274	277	271	272	264	262	263	272	195	
	185	Vel		0.18	0.18	0.16	0.16	0.18	0.16	0.15	0.13	0.05	btm
		Dpth		5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	61.5

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)Continued

Hdg Dpth Vel Hd 270 5.7 0.21 26 269 12.3 0.20 27 273 18.9 0.19 27 262 25.4 0.18 27 258 32.0 0.10 27 268 38.6 0.07 27	376 Dpth Vel 5.7 0.21 12.3 0.20 18.9 0.19 25.4 0.18 32.0 0.10 38.6 0.07	376 th Vel 5.7 0.21 2.3 0.20 8.9 0.19 5.4 0.18 2.0 0.10 8.6 0.07	221 108 100 100 100	Distance fr Hdg Dpth 268 5.7 272 12.3 278 18.9 276 25.4 270 32.0 277 38.6	Dpth Dpth 12.3 18.9 25.4 32.0 38.6	0	vm left 406 0.32 0.23 0.11 0.11	bank Hdg 288 286 285 261 261	(feet) Dpth 12.3 18.9 25.4 32.0 38.6	Vel Vel 0.29 0.26 0.26 0.26 0.27	Hdg 275 272 278 261 261 263	Dpth 5.7 12.3 18.9 25.4 32.0	Vel 0.33 0.27 0.25 0.28 0.30	Hdg 279 272 284 275 274 276
45.1 51.7 56.7 b	0.09 0.05 btm	277		0.05 btm	æ		0.10 0.09 btm	315 87		0.19 0.08 btm	335		0.12 btm	303

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)-Continued

		ндд	279	278	281	277	280	280	279	280	299	
	627	Vel	0.27	0.24	0.23	0.22	0.21	0.23	0.23	0.23	0.12	otm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	65.6 1
		Ндд	277	276	273	276	273	277	258	285	307	
	599	Vel	0.26	0.24	0.25	0.24	0.24	0.23	0.12	0.07	0.07	tm,
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	63.4 b
bank		Нфд	279	283	277	283	277	281	275	295	92	
m left	572	Vel	0.27	0.25	0.27	0.24	0.25	0.24	0.22	0.12	0.04	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	61.9
Dista		Нфд	275	278			279		277	296	272	
	531	Ve1	0.35	0.31	0.30	0.29	0.26	0.24	0.23	0.22	0.08	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	59.0
		Hdg	271	273	276	272	269	269	271	312		
	503	Ve1	0.28	0.22	0.27	0.24	0.25	0.22	0.16	0.11	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	59.1 k	

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	699			697			725			753			796	
Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Ндд
5.7	0.29	269	5.7	0.23	286	5.7	0.30	268	5.7	0.22	279	5.7	0.25	270
12.3	0.23	278	12.3	0.23	277	12.3	0.24	278	12.3	0.20	276	12.3	0.20	270
18.9	0.25	273	18.9	0.23	279	18.9	0.21	270	18.9	0.22		18.9	0.19	270
25.4	0.24	279	25.4	0.20	284	25.4	0.25	269	25.4	0.20		25.4	0.19	267
32.0	0.22	273	32.0	0.20	286	32.0	0.27	275	32.0	0.19		32.0	0.16	255
38.6	0.23	273	38.6	0.23	294	38.6	0.27		38.6	0.20	268	38.6	0.16	270
45.1	0.21	280	45.1	0.19	280	45.1	0.26		45.1	0.20	274	45.1	0.15	268
51.7	0.23	282	$\vdash$	0.20	280	51.7	0.23		51.7	0.18	271	51.7	0.14	271
58.2	0.16	288	58.2	0.18	298	58.2	0.20		58.2	0.17	274	58.2	0.14	281
67.1	btm		9.1	btm		64.8	0.11	287	64.8	0.12	296	64.8	0.09	294
						70.1	btm		70.9	btm		72.2	btm	

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)-Continued

		Hdg	271	283	281		279		276	279	283	304		
	951	Vel	0.28	0.23	0.21	0.18	0.23	0.24	0.23	0.25	0.21	0.16	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	•	73.3 b	
		Hdg	272	282	270	279	270	276	278	278	276	295	243	
	922	Vel	0.28	0.25	0.25	0.23	0.24	0.25	0.28	0.25	0.24	0.21	0.01	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	•	64.8	71.4	73.3
bank		Hdg	271	277	271	269	268	267	267	264	264	301	153	
m left	894	Vel	0.22	0.19	0.20	0.24	0.24	0.23	•	0.22	•	0.13	90.0	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	•	64.8	71.4	73.2
Dista		Hdg	266	264	268	264	263	257	262	258	253	284	306	
	852	Vel	0.24	0.19	•	0.27		0.21	0.21	•	0.17	0.12	0.02	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1		58.2	64.8	71.4	73.0
		Над	 280	285	283	274	282	275	280	283	285	331		
	824	Vel	0.27	0.23	7	0.18	2	Η.	0.21	۲.	0.19	0.19	btm	
		Dpth	5.7	12.3	18.9	5.	ö	φ.	45.1	Η.	•	4.	6.	

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)-Continued

		Ндд	281		277	281	279	275	276	276	282		
	1,122	Vel	0.29	0.26	0.27	0.22	•	0.21	0.25	0.24	0.20	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	69.3	
		Ндд	275	297	286	275	269	276		278	272	16	
	1,079	Vel	0.29	0.26	•	0.22	0.25	0.23	0.26	0.25	0.23	0.03	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	70.7
bank	İ	ндд	272	267	267	277	266	260	258	257	270	311	
m left	1,050	Vel	0.25	0.26	0.23	0.25	0.22	0.23	0.24	0.25	0.19	0.04	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	70.8
Dist		ндд	277	277					264	267	265	311	
	1,022	Vel	0.29	0.29	0.27	0.27	0.27	0.29	0.28	0.26	0.25	0.09	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	72.2
		Над	270	270	261	261	258	258	254	252	261	262	
	979	Vel	0.27	0.26	0.28	0:30	0.27	0.28	0.26	0.27	0.25	0.20	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	72.4 k

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)-

eet) 1,248 1,276	Dpth Vel Hdg Dpth Vel Hdg	0.34 283 5.7	0.32	0.28 282 18.9 0.37	.28 279 25.4	0.30 273 32.0 0.35	0.32 281 38.6 0	.32 278 45.1 0.33	0.33 279 51.7 0.35	58.2 0.15 302 58.2 0.36 279	66.3 btm 64.8 0.09 229	67.9 btm
oank (f	Д брн	295					295			306	42	
m left k 1,206			0.36		0.31		.31			0.24	0.05	btm
Distance from left bank (feet)	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	65.6 b
Dista	Ндд	298	303	297	298	296	297	292	308	302	352	
1,178	Vel	0.37	0.35	•	•	•	0.28	0.29	0.28	0.22	0.08	btm
	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	66.3
	Ндд	276	275	275	267	264	266	270	267	275	254	
1,150	Vel	0.34	0.28	0.28	0.26	•	0.24	0.27	•	0.16	0.11	btm
	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	67.6

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,304			1,345			1,374			1,401			1,444	
Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Ндд
5.7	0.43	286	5.7	0.34	272	5.7	0.36	285	5.7	0.34	279	5.7	0.35	281
12.3	0.39	287	12.3	0:30	278	12.3	0.32	293	12.3	0.35	284	12.3	0.35	278
18.9	3	283	18.9	0:30	278	18.9	0.31	294	18.9	0.34	281	18.9	0.34	276
25.4	0.36	283	25.4	0.29	277	25.4	0:30	292	25.4	0.36	279	25.4	0.34	274
32.0	0.41	283	32.0	0		32.0	0.33	286	32.0	•	280	32.0	0.32	275
38.6	0.39	284	38.6	0.29		38.6	0.34	285	38.6	0.34	274	38.6	0.32	275
45.1	0.36	281	45.1	0		45.1	0.33	280	45.1	0.34	272	45.1	0.28	278
51.7	•	282	•	0.30	273	51.7	0.37	284	51.7	0.30	278	51.7	0.28	276
58.2	0.35	283	58.2	0.27	274	58.2	0.27	278	58.2	0.34	279	58.2	0.29	273
64.8	•	266	•	0.07	267	•	0.09	313	64.8	0.09	270	64.8	0.10	293
68.8	btm		⊣.	btm		70.2	btm		70.8	btm		71.4	0.02	243
												71.7	btm	

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	1,472			1,501			1,543			1,572			1,600	
Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	НЧЭ	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.33	288	5.7	•	282	5.7	0.34	285	5.7	0.36	285	5.7	0.39	287
12.3	0.35	285	12.3	0.32	292	12.3	0.34	281	12.3	0.36	283	12.3	0.36	288
φ.	ĸ,	281	18.9	0.33	283	18.9	0.33	284	18.9	0.36	282	18.9	0.35	290
25.4	0.32	289	25.4	0.32	284	25.4	0.30	282	25.4	0.36	277	25.4	0.37	284
$^{\circ}$	٣.	280	32.0	0.32	285	32.0	0.31	284	32.0	0.35	279	32.0	0.34	286
38.6	0.31	279	38.6	0.27	286	38.6	•	282	38.6	0.33	275	38.6	0.34	277
Ω	ω.	278	45.1	0.28	282	45.1	0.33	282	45.1	0.31	271	45.1	0.29	283
$\vdash$	2	279	51.7	0.30	275	51.7	0.32	277	51.7	0.27	277	51.7	0.32	285
ω	0.27	294	58.2	0.24	273	58.2	0.32	276	58.2	0.27	271	58.2	0.34	282
4	•	341	64.8	0.10	311	64.8	0.10	293	64.8	0.23	284	64.8	0.31	276
1.9	btm		6.0	btm		72.3	btm		71.4	0.04	296	71.4	90.0	319
									73.3 1	btm		73.2 1	btm	

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)-Continued

		Hdg	283	285	287	290	282	276	271	275	243		
	1,767	Vel	0.33	0:30	0.27	0.24	0.24	0.24	0.25	0.22	0.04	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	63.4 F	
		Над	290	296	294	290	287	289	289	289	280		
	1,726	Vel	0.39	0.37	0.34	0.35	0.35	0:30	0.26	0.26	0.15	btm	
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	65.6 b	
bank		Ндд	284	283	283	279	284	283	278	278	266	206	
n left	1,698	Vel	0.33	0.31	0.34	0.33	0.32	0.28	0.27	0.29	0.25	0.07	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	67.5 k
Dista		Ндд	286	281	274	279	273	281	268	267	267	245	
	1,670	Vel	0.32	0.31	0.27	0.29	0.27	0.27	0.21	0.24	0.23	0.13	btm
		Dpth	5.7	•	18.9	•	32.0	•	45.1	51.7	φ.	4.	5.
		Ндд	284	284	281	277	278	278	277	276	287	270	
	1,628	Vel	0.36	0.32	0.34	0.33	0.31	0.30	0.28	0.28	0.24	0.32	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	72.1 b

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)Continued

		Ндд	288	286	290	280	288	321	213		
	1,930	Vel	0.29	0.23	0.20	0.17	0.17	0.09	0.02	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	45.8	
		Ндд	279	270	268	264	289	291	15		
	1,890	Vel	0.32	0.25	0.29	0.20	0.14	0.11	0.07	btm	
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.3 k	
bank		Ндд	294	291	282	281	277	290	351		
n left	1,863	Vel	0.31	0.29	0.24	0.20	0.16	0.19	0.04	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.5 b	
Dista		Над	287		275		264	267	261	315	
	1,835	Vel	0.32	0.26	0.22	0.24	0.24	0.19	0.17	0.03	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	ß	51.7	o.
		Ндд	290	283	282	276	277	274	295	279	
	1,795	Vel	0.32	0:30	0.28	0.25	0.21	0.18	0.19	0.18	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	60.5 b

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)-Continued

		Ндд	293	-				
	2,090	Vel	0.24	0.12	btm			
		Dpth	5.7	12.3	18.0 btm			
	ı	Hdg	286	292	357			
	2,061	Vel Hdg	0.23	0.23	0.15	btm		
(feet)		Dpth	5.7	12.3	18.9	25.1		
bank		Над	278	291	283	326		
m left	2,023	Dpth Vel	0.23	0.21	0.21	0.13	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	31.9 btm	
Dista		Над	285	288	285	292	5	
	1,996	Dpth Vel Hdg	0.30	0.28	0.26	0.19	0.07	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	36.3 btm
		Hdg	288	286	281	277	282	
	1,957	Opth Vel	0.24	0.21	0.14	0.18	0.25	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	42.8 F

Table 94.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)-Continued

	2,125			2,147	Dista	Distance from left bank (feet)	m left	bank	(feet)					
Dpth	Dpth Vel	НФд		Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	НФЭ	Dpth	Ve1	Hdg	Dpth	Vel	Hdg	Dpth	Dpth Vel	НФЭ
5.7 12.3 15.0	5.7 0.20 267 12.3 0.10 219 15.0 btm	267	10	.7 0.03 305	305									

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	303	297	311	302	291	337	133	
	197	Vel		0.21	0.19			0.13		btm
	1	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	
		Ндд	302	261	282	262	272	261	198	
	166	Vel	0.10	0.12	0.21	0.21	0.20	0.20	0.07	btm
(feet)	1	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.0 b
bank		НФд	280	261	297	290	304	307	225	
n left	135	Vel	0.16	0.21	0.25	0.15	0.10	0.19	0.05	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	46.8 b
Dista		Hdg	21	297	196	9	29			
	104	Vel	0.28	90.0	0.10	0.13	0.42	btm		
		Dpth	5.7	12.3	18.9	25.4	32.0	4		
		Hdg	332	332	323	326				
	64	Vel	0.21	0.22	0.27	0.08	btm			
		Dpth Vel	5.7	12.3	18.9	25.4				

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)Continued

		Ндд	280	274	263	270	310			
	363	Vel		0.46				btm		
	•	Dpth	5.7	12.3	18.9	25.4	32.0			
		над	284	293	308	334	330			
	333	Vel	0.29	0:30	0.15	0.29	0.16	btm		
(feet)	m	Dpth	5.7	12.3	18.9	25.4	32.0			
bank		Ндд	275	268	266	266	261	273		
m left	303	Vel	0.37	0.43	0.34	0.27	0.12	90.0	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	42.6 k	
Dista		Ндд	293	279	291	304	325	317	231	
	273	Vel	0.31	0.25	0.26	0.29	0.33	0.35	0.17	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	
		ндд	279	260	255	259	289	297	312	
	228	Vel	0.18	0.47	0.59	0.53	0.37	0.25	0.05	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.6 b

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)-Continued

		Ндд	280	286	279	271	244		
	529	Vel		0.43			0.23	btm	
	u,	Dpth	5.7	12.3	18.9	25.4	32.0		
	ļ	Hdg	268	281	291	296	352		
	489	Vel	0.24	0.28	0.24	0.24	0.08	btm	
(feet)	4.6	Dpth	5.7	12.3	18.9	25.4	32.0		
bank		Ндд	293	291	293	304	307	16	
n left	461	Vel	0.48	0.45	0.41	0.37	0.31	0.03	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	41.5 b
Dista		Ндд	273	278	284	286	269		
	433	Vel	0.55	0.61	0.49	0.40	0.26	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	40.4 b	
		Ндд	287	300	297	335	293		
	392	Vel	0.42	0.47	0.28	0.18	0.14	btm	
		Dpth Vel	5.7	12.3	18.9	25.4	32.0		

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)-Continued

Distance from left bank (feet)	625 653 694	Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	281 5.7 0.41 291 5.7 0.48 264 5.7 0.36	280 12.3 0.52 272	313 18.9 0.45 275 18.9 0.52 282 18.9 0.42	315 25.4 0.40 280 25.4 0.43 290 25.4 0.39	32.0 0.21 300 32.0 0.40 290 32.0 0.38	273 38.6 0.22 264 38.6 0.35 274 38.6 0.33	48.1 btm 45.1 0.18 248 45.1 0.14	50.1 btm 52.2 btm
Distance	598	Vel Hdg	281	0.42 293	313	315	0.29 302	273	.0 btm 4	
	557	Vel Hdg Dpth	ß		18	247 25	32	38	btm 45.	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	42.4	

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	722			751			794		~	823			852	
Dpth	Vel	Hdg	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
		L G	t L	(	0		•		r L		0	t L	•	0
2.1	0.35	782	2.	0.30	784	2.1	0.40	288	2.1	0.41	282	٥. ر	0.45	787
12.3	0.42	283	12.3	0.37	286	12.3	0.47	291	12.3	0.45	288	12.3	0.52	292
18.9	0.40	303	18.9	0.40	308	18.9	0.46		18.9	0.43	291	18.9	0.55	
25.4	0.49	268	25.4	0.42	291	25.4	0.45	285	25.4	0.40	290	25.4	0.50	290
32.0	0.53	256	32.0	0.40	271	32.0	0.44	284	32.0	0.40	287	32.0	0.48	291
38.6	0.34		38.6	0.45	287	38.6	0.45	295	38.6	0.38		38.6	0.46	
45.1	0.21		45.1	0.41	292	45.1	0.36		45.1	0.31	287	45.1	0.39	294
53.3	btm		51.7	0.04	251	51.7	0.11	254	51.7	0.10	299	51.7	0.11	299
			4.	btm		55.2	btm		55.8 1	btm		56.0	btm	

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	894			922			950			866			1,021	
Dpth	Vel	Hdg	Dpth	Vel	над	Dpth	Vel	Нфд	Dpth	Vel	над	Dpth	Vel	Hdg
5.7	0.50	295	5.7	0.50	289	5.7	0.44	285	5.7	0.51	291	5.7	0.53	294
12.3	0.54	300	12.3	0.44	270	12.3	0.48	282	12.3	0.53	288	12.3	0.53	291
18.9	0.54	296	18.9	0.54	293	18.9	0.45	284	18.9	0.56	286	18.9	0.56	291
25.4	0.53	289	25.4	0.54	292	25.4	0.42	286	25.4	0.54	293	25.4	0.53	294
32.0	0.51	294	32.0	0.52	289	32.0	0.41	289	32.0	0.52	290	32.0	0.47	299
38.6	0.45	296	38.6	0.48	292	38.6	0.42	285	38.6	0.50	292	38.6	0.46	
45.1	0.42	295	45.1	0.47	292	45.1	0.36		45.1	0.39	290	45.1	0.33	
51.7	0.12	329	51.7	0.12	299	51.7	0.07	230	51.7	0.10	290	51.7	0.12	307
56.7	btm		σ.	btm		56.3	btm		56.3	btm		55.7	btm	

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)Continued

(feet) 1,144 1,186	Dpth Vel Hdg Dpth Vel Hdg	5.7 0.60 288 5.7 0.62 287 12.3 0.64 289 12.3 0.57 290 18.9 0.65 281 18.9 0.59 288 25.4 0.58 281 25.4 0.59 294 32.0 0.62 285 32.0 0.59 297 38.6 0.59 285 38.6 0.49 295 45.1 0.41 288 45.1 0.34 294 51.1 btm 49.8 btm
	Vel	0.60 0.64 0.65 0.58 0.59 0.41 btm
Distance from left bank (feet)	Dpth Vel Hdg	5.7 0.57 276 12.3 0.64 279 18.9 0.68 284 25.4 0.68 289 32.0 0.67 289 38.6 0.64 295 45.1 0.38 290 52.2 btm
Dist	Dpth Vel Hdg	5.7 0.52 285 12.3 0.57 287 18.9 0.57 290 25.4 0.56 287 32.0 0.55 286 38.6 0.52 286 45.1 0.36 287 51.7 0.08 235
1,049	Dpth Vel Hdg	5.7 0.29 274 12.3 0.34 280 18.9 0.38 285 25.4 0.38 287 32.0 0.30 286 38.6 0.29 289 45.1 0.22 283 51.7 0.15 128

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)Continued

Distance from left bank (feet)	1,284 1,313 1,341	Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	5.7 0.59 286 5.7	0.55 289 12.3 0.57 290 12.3 0.61	18.9 0.57 290 18.9 0.56	0.55 287 25.4 0.56 286 25.4 0.55	0.53 288 32.0 0.52 289 32.0 0.53	291 38.6 0.47 292 38.6 0.54	293 45.1 0.41 295	51.7 0.07 275 51.7 0.10 285 51.7 0.08 299	54.9 btm 55.5 btm 55.4 btm
rom left bank	1,284	Vel	0.56	0.55	0.58	0.55	0.53	0.51	1 0.41	0.07	
Distance fr	2	Hdg Dpth	292	292	296	294	297	295	292 45.	51.7	54.9
	1,255	Dpth Vel	5.7 0.6	12.3 0.64	o.	25.4 0.6	0.	9.		52.8 btm	
	1,213	Vel Hdg	0.52 297	0.53	0.55 291	0.57	0.56	0.56	0.10	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.4	

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)Continued

		ндд	292	294	297	291	295	292	292	276	
	1,512	Vel	0.51	0.55	0.56	0.55	0.50	0.48	0.45	0.09	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	6.
		над	294	293	291	296	291	294	294	312	
	1,483	Vel	0.47	0.55	0.56	0.54	0.52	0.47	0.44	0.14	btm
(feet)	₩	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.1 b
bank		над	292	293	294	291	292	293	296	303	
m left	1,440	Vel	0.52	0.55	0.53	•	0.50	0.44	0.42	0.15	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.0 1
Dista		Нфд	283	286			285		292	284	
	1,412	Vel	0.56	0.55	0.54	0.53	0.50	0.49	0.41	0.12	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	7.4
		Ндд	285	289	289	290	289	296	292	272	
	1,384	Vel	0.50	0.53	0.50	0.51	0.45	0.43	0.37	0.08	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)-Continued

	1,670	Vel Hdg	0.57 293		0.57 293	52	53	0.49 294	0.36 294	0.17 281	æ
	1,	Dpth v						38.6			54.9 btm
		Ндд	298	296	296	299	293	300	309	310	
	1,641	Vel	0.47	0.52	0.50	0.47	0.41	0.38	0.29	0.16	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	57.1 k
bank		Hdg	297	294	295	295	295	294	296	301	
n left	1,613	Vel	0.49	0.56	0.56	0.55	0.49	0.45	0.44	0.26	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	59.2 b
Dista		Hdg	292	288	290	292	289	290	292	294	
	1,569	Vel	0.53	0.55	0.59	0.57	0.57	0.52	0.49	0.32	btm
		Dpth	5.7	12.3	18.9		32.0	38.6	45.1	51.7	59.8 F
		Ндд	286	287	289	286	283	280	280	263	
	1,540	vel	0.54	0.57	0.58	0.55	0.53	0.52	0.48	0.22	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.9 b

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)-Continued

					-		1	7 7 7	(+00+)					
	1,713			1,742	ب ه پ	Discance from fett Dank (feet)	1,771	Dalik		1,800			1,844	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.49		5.7	0.47	303	5.7	0.51	307	5.7	0.38	298	5.7	0.56	289
12.3	0.54	294	12.3	0.49	299	12.3	0.48	307	12.3	0.40	300	12.3	0.52	289
18.9	0.50	295	18.9	0.46	300	18.9	0.50	304	18.9	0.38	303	18.9	0.53	294
25.4	0.47	295	25.4	0.41	300	25.4	0.45	307	25.4	0.38	299	25.4	0.52	293
32.0	0.44		32.0	0.44	302	32.0	0.48	313	32.0	0.31	299	32.0	0.37	298
38.6	0.41	293	38.6	0.47	300	38.6	0.39	311	38.6	0.10	304	38.6	0.23	256
45.1	0.22	294	45.1	0.06	300	45.1	0.05	10	44.8	btm		40.4	btm	
51.7	0.15	262	49.9	btm		48.0 1	btm							
52.3	btm													

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)-Continued

												Action to the second se		
					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	1,874			1,903			1,932			1,975			2,003	
Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	Над	Dpth	Vel	над	Dpth	Vel	Над
5.7	0.40		5.7	0.39	309	5.7	0.27	274	5.7	0.30	291	5.7	0.26	
12.3	0.41		12.3	0.39	307	12.3	0.23 275	275	12.3	0.27	301	12.3		315
18.9	0.41		18.9	0.36	310	18.9	0.24	278	18.9	0.21	309	18.9	0.11	142
25.4	0.29	306	25.4	0.12	7	25.4	0.09	197		btm		20.0	btm	
32.0	0.05		31.7	btm		31.3	btm							
	btm													

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)Continued

	1	Ď	
		Hdg	
		Vel	
		Hdg Dpth	
		Hdg	
		Vel	
(feet)		Hdg Dpth Vel	
bank		Нфд	
om left		Vel	
Distance from left bank (feet)		Hdg Dpth	
Dista		над	74
	2,059	Vel	5.7 0.07 74 9.6 btm
		Dpth	5.0
		НФд	279
	2,028	Vel	5.7 0.22 12.3 0.06 16.3 btm
		Dpth Vel	5.7

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	319 304 312 328
			22 23 13 13 13
	193	Vel	Ď
		Dpth	5.7 0 12.3 0 18.9 0 25.4 0
		Hdg	314 318 319 353
	158	Vel	.15 .16 .15
(feet)	, ,	Dpth	5.7 0 12.3 0 18.9 0 25.4 0
bank		Hdg	336 343 340 24
m left	124	Vel	0.30 336 0.29 343 0.23 340 0.26 24
Distance from left bank (feet)		Dpth	5.7 0 12.3 0 18.9 0 25.4 0 29.9 btm
Dista		Ндд	318 17 63
	68	Vel	0.13 318 0.10 17 0.69 63 btm
		Dpth Vel	5.7 0 12.3 0 18.9 0 23.6 btm
		НФЭ	290 123
	58	Dpth Vel Hdg	5.7 0.10 3 12.3 0.01 1
		Dpth	5.7 12.3 14.1 1

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	228			263			286			320			353	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	ндд	Dpth	Vel	ндд	Dpth	Vel	над
5.7	0.35		5.7	0.31		5.7	0.39		5.7	5.7 0.38	331	5.7	0.48	306
12.3			12.3	0.45		12.3	0.49		12.3	0.36	323	12.3	0.44	311
18.9			18.9	0.48	324	18.9	0.31	331	18.9	0.27	340	18.9	0.03	14
25.4	0.24	312	25.4	0.27		25.4 0.	0.13		24.5	btm		21.1	btm	
32.0			31.2 btm	btm		27.3	btm							
32.6	btm													

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)-Continued

		Hdg	313 320 66
	522	Vel	5.7 0.50 12.3 0.39 18.9 0.12 21.7 btm
		Dpth	5.7 12.3 18.9
		Ндд	314 315 336
	488	Vel	5.7 0.52 314 12.3 0.48 315 18.9 0.34 336 23.4 btm
(eet)	7	Dpth	5.7 0 12.3 0 18.9 0 23.4 btm
ink (f		Ндд	315 308 327
left ba	454	Vel	4.4. 25.
Distance from left bank (feet)		Dpth Vel	5.7 0 12.3 0 18.9 0 25.7 btm
istan		Ндд	323 29 29
Q	421		0.35 323 0.38 322 0.10 29 btm
		Dpth Vel	5.7 0 12.3 0 18.9 0 23.4 btm
		Ндд	305 312 145
	387	Dpth Vel Hdg	0.41 0.30 0.21
		Dpth	5.7 12.3 18.9 20.8 b

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)Continued

					Dist,	Distance from left bank (feet)	w left	bank	(feet)					
	555			290			612			647			682	
Dpth	Dpth Vel	Ндд	Dpth	th Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.43		5.7	0.41		5.7	0.36		5.7	0.44		5.7	0.42	326
12.3	0.48	316	12.3	0.43		12.3	0.41		12.3	0.47		12.3	0.49	323
18.9	0.35		18.9	0.37	318	18.9 0.	0.37	312	18.9	0.42	327	18.9	0.52	320
26.4 k	btm		25.4	0.37		25.4	0.12		25.4	0.31		25.4	0.45	313
			28.2 btm	btm		30.7	btm		32.9	btm		32.0	0.05	52
												35.7	btm	

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)-Continued

		Над	329	323	320	315	321	146	
	846	Vel	0.46	0.54	0.55	0.61	0.41	0.31	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	39.8
		Hdg	332	326	319	318	336		
	811	Vel	0.44	0.49	0.56	0.56	0.35	btm	
(feet)	ω	Dpth	5.7	12.3	18.9	25.4	32.0	39.7 E	
bank		Hdg	329	325	320	317	327	137	
n left	787	Vel	0.55	0.59	0.63	0.69	0.51	0.37	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	39.0 b
Dista		Нфд	329	317	316	312	330		
	752	Vel	0.46	0.56	0.58	0.58	0.20	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0		
		Hdg	325	321	313	310	339		
	718	Vel	0.43	0.47	0.56	0.50	0.13	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0		

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)Continued

	ļ	Б	0:	80	ő	ő	9	91	
		ндд		318					
	1,008	Vel	0.73	0.70	0.71	0.71	0.41	0.29	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	39.3
		Hdg	319	318	314	314	320	161	
	973	Vel	0.67	0.68	0.66	0.63	0.38	0.26	btm
(feet)	01	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	39.8
bank		Hdg	323	322	320	316	323	82	
n left	951	Vel	0.73	0.71	0.74	0.73	0.51	0.05	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	40.8 F
Dista		Hdg	329	327	325	322	327	65	
	916	Vel	0.67	0.67	0.69	0.66	0.38	0.08	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	41.0 1
	Ī	Hdg	328	321	321	317	322	149	
	881	Vel	0.58	0.62	0.61	0.65	0.43	0.37	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	40.0 p

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)Continued

		Над	323	324	325	335	159		
	1,178	Vel		0.82			0.03	btm	
	1	Dpth	5.7	12.3	18.9	25.4	32.0		
		Hdg	322	324	326	336	30		
	1,145	Vel	0.80	0.77	0.72	0.50	0.09	btm	
(feet)	1,	Dpth	5.7	12.3	18.9	25.4	32.0		
bank (	-	Hdg	319	319	321	322	343		
left	1,111	Vel	0.83	0.73	0.69	09.0	0.07	btm	
Distance from left bank (feet)	1	Dpth		12.3				36.3 bt	
Dista		Hdg	319	321	321	324	337	105	
	1,077	Vel	0.80	0.74	0.70	0.65	0.35	0.28	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	
	!	Hdg	313	316	319	320	326	155	
	1,042	Vel	0.77	0.75	0.72	0.69	0.36	0.39	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	39.1 b

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)-Continued

		Ндд	320	318	318	325	338	142	
	1,337	Vel		0.59					btm
		Dpth	η. Γ	12.3	18.9	25.4	32.0	38.6	39.2 Þ
		Hdg	λ 21.8	316	316	314	321	141	
	1,302	Vel	ص ح	0.64	0.64	0.63	0.36	0.23	btm
(feet)	1	Dpth	بر 1	12.3	18.9	25.4	32.0	38.6	39.4 b
bank		над	300	321	320	319	338		
n left	1,269	Vel	ص ح	0.65	0.60	0.57	0.22	btm	
Distance from left bank (feet)		Dpth	т С	12.3	18.9	25.4	32.0	38.3 b	
Dista		Ндд	303	321	320	317	345		
	1,235	Vel	7	0.73	0.64	09.0	0.12	btm	
		Dpth	r.	12.3	18.9	25.4	32.0	7	
		ндд	320	320	321	319	160		
	1,212	Vel	7.	0.68	0.62	0.41	0.04	btm	
		Dpth	ι. Γ	12.3	18.9	25.4	32.0		

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)Continued

		Ндд	319	321	325	322	323	130	
	1,496	Vel	0.46	0.40	0.40	0.40	0.30	0.11	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	42.5
		Ндд	326	326	332	329	327	49	
	1,473	Vel	0.54	0.48	0.48	0.47	0.33	0.07	btm
(feet)	1	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	42.6 b
bank		Ндд	319	323	325	323	320	12	
n left	1,439	Vel	0.60	0.59	0.58	0.54	0.46	0.07	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	42.2 b
Dista		Ндд	323	323	326	322	321	96	
	1,405	Vel	0.65	0.62	0.65	0.61	0.44	0.08	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	40.8 h
		Ндд	324	324	324	324	333		
	1,371	Vel	0.56	0.57	0.54	0.54	0.24	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	39.1 b	

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)-Continued

		ндд	322	325	326	318	338		
	1,667	Vel	0.48	0.50	0.46	0.35	0.25	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0		
		над	319	318	320	317	325		
	1,633	Vel	0.51	0.51	0.45	0.40	0.31	btm	
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0		
bank		ндд	313	316	315	310	307	226	
m left	1,599	Vel	0.53	0.50	0.46	0.45	0.38	0.07	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	
Dista		Ндд	321	323	324	322	323	45	
	1,565	Vel	0.57	0.51	0.48	0.46	0.32	90.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	42.5
		Ндд	320	319	322	322	323	56	
	1,531	Vel	0.54	0.47	0.47	0.43	0.35	0.02	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,701			1,734			1,767			1,799			1,832	
Dpth	Dpth Vel	Ндд	Dpth	Vel	ндд	Dpth vel	Vel	Ндд		Dpth Vel	Над	Dpth	Vel	ндд
5.7	0.43		5.7	0.50		5.7	0.43	324	5.7	0.48		5.7	0.42	320
12.3	0.39		12.3	0.48		12.3	0.43		12.3	0.45		12.3	0.39	329
18.9	0.41		18.9	0.48		18.9	0.42	329	18.9	0.45	331	18.9		347
25.4	0.32	333		0.38	332	25.4	0.29	339	25.4	0.25		25.6	btm	
32.0	0.20		32.0	0.08	355	32.0	0.04	111	31.0	btm				
36.5	btm		•	9 btm		33.6 1	btm							

Table 96.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)Continued

		Над	
		Vel	
		Dpth	
		Ндд	307
	1,954	]	0.26 0.16 tm
(feet)	1,	Dpth vel	5.7 0.26 307 12.3 0.16 21 13.9 btm
bank (		НФд	316 78
left	1,928	Vel	5.7 0.21 316 12.3 0.16 78 14.0 btm
Distance from left bank (feet)		Dpth Vel	5.7 0 12.3 0 14.0 btm
Dista		Hdg	331 57
	1,896		0.33 331 0.18 57 btm
		Dpth vel	5.7 0. 12.3 0. 17.4 btm
		НФЭ	325 337 348
	1,864	Vel	0.48 0.35 0.44 btm
		Dpth	5.7 12.3 18.9 20.9 b

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Ндд	332	322	332	343	342	330	352	15	
	185	Vel	0.45	0.46	0.37	0.35	0.44	0.37	0.21	0.04	btm
	1	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	28.2 b
		Ндд	320	316	319	326	323	324	349	189	
	153	Vel	0.38	0.38	0.44	0.38	0.39	0.32	0.17	0.04	btm
(feet)	1	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	28.0 b
bank		Hdg	323	322	320	329	326	336	48		
n left	111	Vel	0.44	0.48	0.49	0.47	0.42	0.35	0:30	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	26.4 b	
Dista		Ндд	339	344	0						
	82	Vel	0.37	0.29	0.22	btm					
		Dpth	4.1	7.4	10.7	18.0 b					
		ндд	288	126							
	46	Vel	0.24	0.02	tm						
		Dpth Vel	4.1	7.4	8.9 btm						

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)-

	Distance from left 278 Hdg Dpth Vel 325 4.1 0.45	bank Hdg		308 Vel	Н фд	1 1	348 Vel	Hdg 307
4.1 0.46 3 7.4 0.41 3	325 4.1 0.45 3 337 7.4 0.40 3	310 310	4.1	0.36	326 340	4.1	0.40	307
0.49	10.7 0.43	313	10.7	0.34	331	10.7	0.33	308
0.41	13.9 0.49	310	13.9	0.39	339	13.9	0.25	295
	17.2 0.45	314	17.2	0.23	344	17.2	0.24	222
0.46	20.5 0.40	311	20.5	0.04	90		btm	
0.25	23.8 0.08	310		btm				
0.07								
1 btm								

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)-Continued

1			I						
		Нфд		317	318	318	317	67	
	506	Vel	:	0.48	0.48	0.47	0.33	0.54	btm
		Dpth		4.1	7.4	10.7	13.9	17.2	
		ндд		316	318	315	322		
	477	Vel				0.56		btm	
(feet)		Dpth		4.1	7.4	10.7	13.9	17.8	
bank		ндд		319	317	314	327	149	
m left	447	Vel		0.56	0.53	0.47	0.34	0.04	btm
Distance from left bank (feet)		Dpth		4.1	7.4	10.7	13.9	17.2	
Dista		Ндд				306			
	407	Vel		0.48	0.40	0.47	0.04	btm	
		Dpth Vel		4.1	7.4	10.7	13.9		
		Ндд				318			
	378	Dpth Vel		0.36	0.38	0.45	0.09	16.4 btm	
		Dpth		4.1	7.4	10.7	13.9	16.4 k	

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)Continued

!	673	h Vel Hdg	0.59	0.58	0.57	0.54	17.2 0.49 317	0.47	0.41	.1 0.14 62	29.3 btm
		Hdg Dpth					308 17			27	29
;	645	Vel Ho		0.50 3	0.51 33		44	0.34 33	0.02 1	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	26.2	
bank	1	Ндд	304	307	308	312	314	195			
om left	605	Vel	0.52	0.53	0.58	0.59	0.50	90.0	btm		
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.3		
Dist		Нфд	325	326	325	318	337	0			
! !	575	Vel	0.58	0.55	0.58	0.57	0.36	0.02	btm		
		Dpth	4.1	7.4	10.7	•	17.2	•	9.		
		Нфд	322	319	314	323	182				
, ,	546	vel	0.58	0.61	0.59	0.23	0.14	btm			
		Dpth	4.1	7.4	10.7	13.9	17.2				

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)Continued

		Hdg	326	327	325	329	323	323	326	330	თ	
	837	Vel	0.68	0.73	0.62	0.71	0.63	0.63	0.56	0.60	0.27	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.7 1
		Нфд	321	322	319	320	315	319	316	316	45	
	808	Vel	0.55	0.51	0.44	0.43	0.47	0.44	0.40	0.32	0.02	btm
(feet)	8	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.1 b
bank		Ндд	337	335	331	323	323	326	329	341	69	
n left	770	Vel	0.66	0.62	0.62	0.61	09.0	0.62	0.55	0.34	0.13	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	31.8 b
Dista		Ндд	319	321	313	323	315	315	320	342		
	741	Vel	0.60	09.0	0.63	0.58	0.56	0.52	0.51	0.29	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	•	27.1	6.	
		Ндд	319	323	319	320	320	317	319	358		
	702	Vel	0.64	0.61	0.56	0.56	0.54	0.49	0.59	0.16	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1		

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)		7			
866 905					í l	} • •	934			972	ļ		1,001	
Vel Hdg Dpth Vel Hdg Dp	Dpth Vel Hdg	th Vel Hdg	Hdg		Ωğ	Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	
64 314 4.1 0.68 319	314 4.1 0.68 319	0.68 319	319			4.1	0.66	325	4.1	0.74	320	4.1	0.65	
63 313 7.4 0.63 318	313 7.4 0.63 318	0.63 318	318			7.4	0.64	319	7.4	0.67	321	7.4	0.64	٠.,
53 317 10.7 0.62 317	317 10.7 0.62 317	0.62 317	.62 317		П	0.7	0.62	322	10.7	0.59	317	10.7	0.61	က
0.62 319	314 13.9 0.62 319	0.62 319	.62 319			13.9	0.59	318	13.9	0.59	322	13.9	0.52	m
51 312 17.2 0.54 325	312 17.2 0.54 325	0.54 325	.54 325		П	7.2	0.51	322	17.2	0.58	315	17.2	0.53	m
50 311 20.5 0.51 320	311 20.5 0.51 320	0.51 320	.51 320		W	30.5	0.50	320	20.5	0.54	319	20.5	0.53	3
51 309 23.8 0.54 317	309 23.8 0.54 317	0.54 317	.54 317		(1	3.8	0.50	323	23.8	0.56	319	23.8	0.55	32
46 316 27.1 0.49 319	316 27.1 0.49 319	0.49 319	.49 319	319	71	7.1	0.54		27.1	•	316	27.1	0.50	329
16 324 30.3 0.40 325	324 30.3 0.40 325	0.40 325	40 325	325	(*)	30.3	0.44	334	30.3	0.29	317	30.3	0.16	8
0.08 26	0.08 26	0.08 26	26		(*)	3.6	0.13	17	33.6	0.05	7	33.7	btm	
btm	btm	btm		m	ന	35.8	btm		34.6	btm				

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	1,030			1,067			1,096			1,135		,	1,164	
Dpth	Ve1	Hdg	Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	vel	Hdg	Dpth	vel	Hdg
4.1	0.72		4.1	0.74	322	4.1	0.66	327	4.1	0.69	316	4.1	0.63	329
7.4	0.67		7.4	0.71		7.4	0.74	327	7.4	0.63	320	7.4	0.65	325
10.7	0.69		10.7	0.65		10.7	0.73	321	10.7	0.57	320	10.7	0.61	329
13.9	0.62			0.68		13.9	0.67	321	13.9	0.54	317	13.9	0.55	325
17.2	0.66		17.2	0.67		17.2	0.62	327	17.2	0.53	318	17.2	0.49	327
20.5	09.0			0.62		20.5	0.66	320	20.5	0.40	312	20.5	0.48	337
23.8	0.56	315	23.8	0.58	322	23.8	0.61	330	23.8	0.43	326	23.8	0.27	351
27.1	0.52		27.1	0.55		27.1	0.52	333	27.1	0.12	4	27.1	0.09	29
30.3	0.11			0.26	343	30.3	0.15	348	29.6	btm		28.5	btm	
	btm		6.	btm		32.4 1	btm							

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)-Continued

1,231	31 1,259	;	1,259			1,295			1,332	
Vel	Hdg Db,	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
0.68		4.1	0.73	321	4.1	0.69	325	4.1	0.76	317
0.69		7.4	0.75	326	7.4	0.69	327	7.4	0.75	320
0.64	317 1	0.7	•	324	10.7		319	10.7	0.70	315
0.62		13.9	09.0	316	13.9	0.62	323	13.9	0.65	318
09.0		7.2	0.64	316	17.2	•	323	17.2	0.63	318
0.58		20.5	0.57	321	20.5		322	20.5	0.62	321
0.51		3.8	09.0	320	23.8	0.59	318	23.8	0.63	320
0.52	313 2	27.1	0.57	321	27.1	•	324	27.1	0.61	327
0.04		30.3	0.13	337	30.3	0.32	335	30.3	0.34	345
btm	~	33.6 btm	Ħ		33.6	0.03	305	33.6	0.07	316
	)									

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)Continued

Distance from left bank (feet)	1,424 1,461 1,490	Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	0.76 318 4.1 0.69 315 4.1		0.70 324 10.7 0.66	0.65 327 13.9 0.68 312 13.9 0.69	0.60 327 17.2 0.64 310 17.2 0.65	0.59 318 20.5 0.62 308 20.5 0.64	316 23.8 0.63 308 23.8 0.62	0.52 322 27.1 0.52 306 27.1 0.56	0.50 326 30.3 0.55 310 30.3 0.57	0.20 0 33.6 0.39 314 33.6 0.30	0.04 243 36.9 0.03 196	btm 37.7 btm
(feet)	1,4													
bank		Hdg											243	
n left	1,424	Vel	0.76	0.71	0.70	0.65	0.60	0.59	0.56	0.52	0.50	0.20	0.04	otm
ince from		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.9	
Dista		Ндд	311	313	312	313	311	310	312	311	321	329		
	1,396	Vel	0.75	0.70	0.68	0.58	0.60	0.59	0.58	0.57	0.48	0.07	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.0 1	
		Hdg	309	309	310	310	307	306	305	308	303			
	1,359	Vel	0.65	0.69	99.0	0.58	0.54	0.50	0.51	0.51	0.15	btm		
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	34.2 r		

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
П	., 528			1,557			1,586			1,626			1,666	
Dpth v	Vel	Над	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
П	0.70	321	4.1	0.72	317	4.1	0.64	319	4.1	0.65	319	4.1	99.0	325
	99.0	317	7.4	0.66	314	7.4	0.64		7.4	0.67	320	7.4	0.66	331
	9.	312	10.7	0.62	322	10.7	09.0	320	10.7	0.63	323	10.7	0.68	334
	0.62	317	13.9	09.0	318	13.9	0.66		13.9	0.55	320	13.9	0.59	329
	3	320	17.2	•	314	17.2	0.60		17.2	_	317	17.2	0.56	327
	9.	319	20.5	0.61	318	20.5	0.58	322	20.5	0.52	315	20.5	0.54	331
	0.56	320	23.8	•	312	23.8	0.57		23.8	0.49	313	23.8	0.52	331
	3.	316	27.1	•	318	27.1	0.50	310	27.1	0.43	316	27.1	0.42	328
۳.	3	314	30.3	09.0	318	30.3	0.49	317	30.3	0:30	316	30.3	0:30	342
9.	0.28	337	33.6	0.29	322	33.6	0.38	319	33.6	0.21	331	33.6	0.09	21.
6.	0.01	0	36.9	90.0	93	36.9	0.07	82	36.4	btm		33.9	btm	
5 btm	Ħ		37.8	btm		38.0 1	btm							

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)Continued

		Ндд	340	341	339	346	13					
	1,824	Vel	0.49	0.49	0.46	0.46	0.21	btm				
		Dpth	4.1	7.4	10.7	13.9	17.2					
		Ндд	327	326	324	325	330	322	ო			
	1,785	Vel	0.55	0.50	0.50	0.53	0.48	0.37	0.23	btm		
(feet)	1	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	26.7 b		
bank		Нфд	333	329	335	333	333	333	342	37		
m left	1,757	Vel	0.59	0.56	0.61	0.58	0.63	0.53	0.38	0.10	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	28.5 1	
Dista		Над	324	330	326	326	334	334	328	345		
	1,727	Vel	0.68	0.69	99.0	0.60	0.61	0.52	0.54	0.12	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1		
		Ндд	335	327	338	334	344	336	335	346	ო	
	1,687	Vel	0.62	0.55	0.62	0.64	0.53	0.56	0.51	0.37	0.14	otm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	31.6 k

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)-

		над						
		Vel						
		Dpth						
		Нфд						
		Vel						
(feet)		Dpth						
bank	İ	Нфд	328	13				
n left	1,913	Vel	0.31	0.24	tm			
Distance from left bank (feet)		Dpth	4.1	7.4	9.5 btm			
Dista		Нфд	337	350	59			
	1,890	Vel	0.46	7.4 0.41	0.48	otm		
		Dpth Vel	4.1	7.4	10.7	13.0 btm		
		над		309				
	1,851	Vel	0.34	0.32	0.20	0.10	ot m	
		Dpth Vel	4.1	7.4	10.7	13.9	16.5 btm	

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

	I	ש	ო	9	4	0	7	4	0	
		ндд	33.	336	32	33	32			
	207	Vel	1.4	1.2	1.1	1.1	1.0	0.58	0.13	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	24.8
		ндд	327	330	333	336	326	332	331	
	171	Vel	1.2	1.2	1.2	1.2	1.1	0.67	0.17	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	24.5 1
bank		ндд	324	333	338	344	339	353	132	
m left	143	Vel	0.96	0.88	0.92	0.85	0.79	0.38	0.20	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	24.6
Dista		ндд	306	311	320	324	312	258		
	108	Vel	1.1	1.0	0.89	0.85	0.65	0.29	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5		
		Hdg	7	7	10	18				
	73	Vel	0.85	0.80	0.62	0.21	btm			
		Dpth Vel	4.1	7.4	10.7	13.9				

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)Continued

		Над	348	348	358	32				
	371	Vel	1.6	1.5	1.3	0.93	btm			
	(*)	Dpth	4.1	7.4	10.7	13.9				
		Hdg	321	325	323	332	330			
	335	Vel	1.9	1.8	1.8	1.1	1.0	btm		
(feet)	(*)	Dpth	4.1	7.4	10.7	13.9	17.2			
bank		Hdg	325	329	322	327	16			
n left	303	Vel	1.4	1.4	1.3	0.65	0.38	btm		
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2			
Dista		Над	325	319	327	326	330	32		
	273	Vel	1.2	1.3	1.2	1.1	0.91	0.24	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	0.	
		Ндд	321	325	326	324	328	328	293	
	234	Vel	1.5	1.4	1.3	1.3	1.2	0.78	0.23	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)Continued

		Hdg	330	330	339	79		
	529	Vel			0.70		btm	
		Dpth	4.1	7.4	10.7	13.9	16.6	
		Ндд	304	301	302	308	303	
	499	Vel	2.0	1.9	1.6	0.84	0.39	btm
(feet)	4	Dpth	4.1	7.4	10.7	13.9	17.2	17.9 b
bank		Hdg	310	309	301	320		
m left	465	Vel	1.5	1.3	0.99	0.28	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	16.1 k	
Dista		Над	320	323	308	307		
	429	Vel	1.5	0.90	0.50	0.17	btm	
		Dpth				13.9		
	!	Hdg	315	312	315	320		
	403	vel	1.6	1.6	1.6	0.79	btm	
		Dpth Vel				13.9		

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)Continued

			Hdg			332					
	ļ	691	Vel	1.1	1.0	0.99	0.99	0.93	0.55	0.75	btm
			Dpth Vel	4.1	7.4	10.7	13.9	17.2	20.5	23.8	
			Hdg	325	332	331	330	342	20		
	į	661	Vel	1.6	1.7	1.7	1.7	1.2	0.88	btm	
		9	Dpth Vel	4.1	7.4	10.7	13.9	17.2	20.5		
	bank		Hdg			313					
,	m Lett	627	Vel	2.0	2.0	2.1	2.1	96.0	0.53	btm	
	Distance from left bank (feet)		Dpth vel	4.1	7.4	10.7	13.9	17.2	20.5		
	Dist		Hdg	313	317	325	327	359			
	•	290	Vel	1.5	1.9	1.6	1.3	0.45	btm		
			Dpth	4.1	7.4	10.7	13.9	17.2			
			Hdg	306	306	304	302	317			
	,	562	Vel	2.1	1.9	1.8	1.3	1.2	btm		
			Dpth	4.1	7.4	10.7	13.9	17.2			

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	721			754			787			821			849	
Dpth	Vel	Hdg	Dpth	Vel	НФд	Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Над
4.1	2.0	316	4.1	1.7	305	4.1	1.7	310	4.1	1.8	306	4.1	1.5	309
7.4	2.0	318	7.4	1.7	307	7.4	1.6	312	7.4	1.7	305	7.4	1.4	309
10.7	2.0	318	10.7	1.7	307	10.7	1.6	313	10.7	1.7	305	10.7	1.4	310
13.9	2.1	318	13.9	1.6	306	13.9	1.5	312	13.9	1.6	309	13.9	1.4	311
17.2	2.0	320	17.2	1.5	307	17.2	1.5	314	17.2	1.6	310	17.2	1.3	309
20.5	1.7	318	20.5	1.3	312	20.5	1.4	316	20.5	1.5	307	20.5	1.3	312
23.8	0.84	342	23.8	0:30	309	23.8	0.88	312	23.8	1.3	309	23.8	1.2	310
25.6	btm		26.0	btm		27.7	btm		27.1	0.41	292	27.1	0.21	335
										btm			btm	

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)Continued

		Над	322	324	324	324	324	329		330		
	1,013	Vel	1.5	1.5	1.4	1.4	1.4	1.3	1.1	0.26	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.9	
		Hdg	317	318	319	320	319	319	318	312		
	982	Vel	1.6	1.6	1.6	1.5	1.5	1.5	1.4	0.64	btm	
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.7	
bank		Hdg	312	313	315	315	319	317	317	324	313	
m left	946	Vel	1.5	1.5	1.4	1.4	1.4	1.4	1.3	0.98	0.19	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	31.9 1
Dista		Hdg	316	316	316	319	318	319	320	322	352	
	917	Vel	1.4	1.4	1.4	1.3	1.3	1.2	1.2	0.93	0.05	btm
		Dpth	4.1	7.4	10.7	13.9		20.5	23.8	27.1	30.3	32.5
		Hdg	314	312	313	315	319	320	320	322		
	887	Vel	1.4	1.3	1.3	1.3	1.2	1.2	1.2	0.61	btm	
		Dpth	4.1		10.7			20.5		27.1	30.9 k	

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)-Continued

				Dista	Distance from left bank (feet)	m left	bank	(feet)					
1,045	ı		1,084			1,116		• /	1,146			1,179	
над р	Д	Dpth	vel	Hdg	Dpth	Vel	над	Dpth	Vel	ндд	Dpth	Vel	Hdg
										1			
326		4.1	1.5	323	4.1	1.5	324	4.1	1.7	319	4.1	1.6	311
325		7.4	1.5	324	7.4	1.5	326	7.4	1.6	318	7.4	1.5	312
326		10.7	1.5	323	10.7	1.4	325	10.7	1.5	318	10.7	1.6	314
323			1.5	326	13.9	1.4	325	13.9	1.7	312	13.9	1.6	317
324		17.2	1.4	327	17.2	1.4	324	17.2	1.6	315	17.2		318
329			1.4	327	20.5	1.3		20.5	1.2	319	20.5	1.1	310
331		23.8	1.2	328	23.8	0.95		23.8	09.0	332	23.8	0.47	327
7			0.40	328	27.1	0.25	340	25.9	btm		25.9	btm	
		30.3	0.24	329	28.8	btm							
		30.4	btm										

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)-

		Hdg	317	317	319	319	318	317	318	327	
	1,338	Vel	1.5	1.4	1.5	1.5	1.5	1.4	1.3	0.67	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	
		Hdg	311	312	313	313	313	316	319	326	
	1,306	Vel	1.4	1.4	1.4	1.4	1.3	1.3	1.2	0.59	otm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.6 1
bank		Hdg	317	316	317	318	317	318	319	302	
m left	1,274	Vel	1.3	1.3	1.3	1.3	1.2	1.2	1.1	0.19	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.8 1
Dista		Hdg	317	318	317	317	317	317	317	85	
	1,244	Vel	1.4	1.4	1.3	1.3	1.2	1.2	0.87	0.09	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	28.9 1
		Hdg	311	311	310	313	314	313	295		
	1,207	Vel	1.5	1.4	1.3	1.2	1.2	1.1	0.36	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8		

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	1,376			1,403			1,443		יי	1,475			1,507	!
Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	НФд	Dpth	Vel	Hdg
4.1	1.3	313	4.1	1.4	309	4.1	1.2	307	4.1	1.0	306	4.1	1.1	313
7.4	1.3	311	7.4	1.4	311	7.4	1.2	309	7.4	0.92	308	7.4	1.1	315
10.7	1.2	313	10.7	1.3	311	10.7	1.2	310	10.7	0.93	307	10.7	1.1	314
13.9	1.2	313	13.9	1.3	313	13.9	1.2	312	13.9	0.94	307	13.9	1.1	310
17.2	1.2	314	17.2	1.3	314	17.2	1.1	309	17.2	0.93	307	17.2	1.1	314
20.5	1.2	313	20.5	1.3	314	20.5	1.1	312	20.5	0.94	312	20.5	1.0	318
23.8	1.1	313		1.3	314	23.8	1.1	312	23.8	0.96	315	23.8	0.98	316
27.1	0.25	294	27.1	1.1	313	27.1	1.0	313	27.1	0.89	314	27.1	0.95	312
30.4	btm		30.3	0.19	300	30.3	0.25	313	30.3	0.34	320	30.3	0.27	320
			۴.	btm		33.5 1	btm		33.9 1	btm			btm	

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,540			1,572			1,605			1,636			1,669	
Dpth Vel	Vel	Ндд	Dpth	Vel	над	Dpth	Vel	Нфд	Dpth	Vel	над	Dpth	Vel	над
						Trigorials.								
4.1	1.2	317	4.1	1.1	323	4.1	1.0	332	4.1	0.94	313	4.1	0.91	324
7.4	1.1	319	7.4	1.1	322	7.4	1.0	332	7.4	0.98	316	7.4	0.91	326
10.7	1.1	318	10.7	1.1	323	10.7	0.99	330	10.7	0.94	315	10.7	0.87	327
13.9	1.0	318	13.9	0.93	321	13.9	1.0	333	13.9	0.91	315	13.9	0.80	328
17.2	1.1	317	17.2	0.93	320	17.2	1.0	331	17.2	0.87	315	17.2	0.88	332
20.5	1.0	316	20.5	0.97	321	20.5	0.97	334	20.5	0.85	315	20.5	0.84	322
23.8	1.1	318	23.8	0.98	322	23.8	0.97	331	23.8	0.61	316	23.8	0.54	312
27.1	0.98	319	27.1	0.92	318	27.1	0.86	334	27.1	0.42	323	27.1	0.08	284
30.3	0.35	312	30.3	0.36	316	30.3	0.24	347	31.1	btm		28.8	btm	
33.7	btm			btm		33.5	btm							

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)Continued

Dpth V	1,704				)	וויים דומיון דפדר ממווי לדפפר/	1							
				1,730			1,765			1,796			1,829	
	Vel	над	Dpth	Vel	ндд	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Нфд
4.1	0.87	323	4.1	0.79	331	4.1	0.93		4.1	0.66		4.1	0.43	
	0.84	325	7.4	0.77	332	7.4	0.92	328	7.4	0.55	315	7.4	0.48	327
	0.74	324	10.7	0.72	336	10.7	0.94		10.7	0.50		10.7	0.40	
	0.74	325	13.9		330	13.9	0.94		13.9	0.55		13.9	0.11	
	0.77	331	17.2	0.78	328	17.2	0.91		17.2	0.44			btm	
20.5	0.81	336	20.5	0.61	330	20.5	0.62		20.5	0.28				
	0.42	333	23.8	0.09	19	23.8	0.18			btm				
	0.16	189	26.2	btm			btm							
27.5 btm	Ħ													

Table 98.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)Continued

Distance from left bank (feet)	1,888	n Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	1 0.19 303	4 0.04 338	.2 btm	
Dis	1,888		0.19 303	0.04 338	btm	
		Dpth	4.1	7.4	9.2	
		Hdg		264		
	1,862	Vel	0.32	0.20	0.03 btm	
		Dpth	4.1	7.4	10.7 0.	

Table 99.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		НФЗ	342	333	338	337	338	40	
	205	Vel	0.40	0.35	0.34	0.36	0.29	0.50	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6	52.4 k
		Hdg	333	332	334	329	339		
	166	Vel	0.36	0.33	0.24	0.20	0.07	btm	
(feet)	<del></del>	Dpth Vel	5.7	12.3	18.9	25.4	32.0		
bank		Hdg	343	326	Н	4			
n left	130	Vel	0.31	0.19	0.24	0.08	btm		
Distance from left bank (feet)		Dpth Vel	5.7	12.3	18.9	25.4	33.0 E		
Dista		Над	339	343	323	348			
	105	Vel	0.20	0.16	0.20	0.02	btm		
		Dpth Vel	5.7	12.3	18.9	25.4	30.4		
			4	336	350				
	71	Vel	0:30	0.33	0.15	tm			
		Dpth Vel Hdg	5.7	12.3	18.9	25.7 btm			

Table 99.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst)Continued

		1 Hdg		0.39 327			.37	.28	.27 328	.27		0.14 357	.11 38	
	364	Dpth Vel	5.7 0	12.3 0		25.4 0	32.0 0			51.7 0		64.8 0	71.4 0	73.9 btm
		ндд	332	324			324	326	330	347	349	21		
	324	Vel	0.38	0.34	0.34	0.29	0.25	0.23	0.24	0.18	0.19	0.15	btm	
(feet)	e,	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	•	72.9 k	
bank		Над	327	326	322	327	328	333	325	328	337	0		
n left	298	Vel	0.44	0.39	0.40	•	0.27	0.30	•	0.22	0.23	0.13	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.1 k	
Dista		Над	340	335	338	337	349	348	356	358	ო			
	258	Vel	•	0.36	0.34	•	0.28	0.24	0.25	0.21	0.24	btm		
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	67.8		
		Hdg	341	336	338	0	328	332	345	27				
	231	Vel	0.29	0.26	0.26	0.20	0.20	0.13	0.11	0.11	btm			
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	63.2 k			

Table 99.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst)Continued

		Hdg	352	346	341	335	332	333	337	343	355	5	20	
	531	Vel	0.42	0.36	0.36	0.33	0.31	0.29	0.29	0.27	0.25	0.26	0.19	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	79.1
		Hdg	348	343	334	330	333	334	336	338	348	359	18	
	491	Vel	0.49	0.46	0.41	0.36	0.39	0.35	0.34	0.31	0.29	0.26	0.16	btm
(feet)	7	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.7
bank		Нфд	333	326	318	319	312	315	317	325	336	343	26	
m left	465	Vel	0.46	0.39	0.40	0.37	0.37	0.34	0.28	0.28	0.24	0.18	0.09	btm
 Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.3
Dist		Нфд	337	330	321	319	318	321	326	337	345	352	63	
	428	Vel	0.40	0.38	0.34	0.34	0.31	0.33	0.26	0.22	0.17	0.14	0.04	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	75.8
		Нфд	325	322	322	320	320	320	325	338	341	355	22	
	389	Vel	0.43	0.40	0.36	0.40	0.34	0.34	0.29	0.25	0.24	0.20	0.12	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	

Table 99.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	558			598			623			663			069	
Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg
5.7	5.	ß	5.7	0.47	344	5.7	0.43	335	5.7	0.48	329	5.7	0.49	334
12.3	•	4	•	0.43	334	12.3	0.37	328	12.3	0.43	316	12.3	0.43	329
18.9	4.	3	18.9	0.38	327	18.9	0.40	317	18.9	0.42	311	18.9	0.44	316
25.4	4.	3	25.4	0.37	328	25.4	0.38	319	25.4	0.41	316	25.4	0.43	312
32.0	ω.	3	32.0	0.38	328	32.0	0.37	319	32.0	0.44	312	32.0	0.44	317
38.6	0.40	335	38.6	0.37	325	38.6	0.36	321	38.6	0.44	311	38.6	0.43	317
45.1	0.35	3	45.1	0.36	329	45.1	0.36	319	45.1	0.42	314	45.1	0.44	316
51.7	ω.	4	51.7	0.36	332	51.7	0.31	322	51.7	0.36	312	51.7	0.40	320
58.2	•	4	58.2	0.29	334	58.2	0.29	324	58.2	0.37	319	58.2	0.38	317
64.8	0.30	ß	64.8	0.24	344	64.8	0.24	340	64.8	0.33	321	64.8	0.35	326
71.4	0.30	9	71.4	0.26	352	71.4	0.23	349	71.4	0.29	322	71.4	0.29	332
77.9	0.28	57	•	0.10	28	77.9	0.09	15		0.22	317	77.9	0.23	330
80.7	btm		۳.	btm		83.9	btm		85.4	btm		•	0.10	42
												87.2	btm	

Table 99.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst)-Continued

				the designation of the state of	Dist	Distance from left bank (feet)	m left	bank	(feet)					
	718			759			786			828			857	
Dpth	Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	Ндд	Dpth	Vel	над	Dpth	Vel	ндд
5.7	.5	341	5.7	0.48	345	5.7	0.44	346	5.7	0.52	344	5.7	0.53	346
12.3	4.	340	12.3	0.44	337	12.3	0.40	337	12.3	0.44	338	12.3	0.49	344
18.9	0.42	330	18.9	0.41	332	18.9	0.34	326	18.9	0.43	329	18.9	0.43	330
25.4	•	324	25.4	0.45	325	25.4	0.38	322	25.4	0.47	323	25.4	0.48	325
	•	323	32.0	0.43	$^{\circ}$	32.0	0.39	326	32.0	0.44	319	32.0	0.48	325
•	•	324	٠ ش	0.43	323	38.6	0.38	323	38.6	0.45	319	38.6	0.46	321
	•	322	45.1	0.39	323	45.1	0.38	320	45.1	0.44	317	45.1	0.46	322
•	•	321	÷	0.40	317	51.7	0.34	323	51.7	0.43	323		0.42	322
•	•	329	58.2	0.41	326	58.2	0.36	325	58.2	0.43	324	58.2	0.45	327
64.8	0.35	328	4.	0.36	329	64.8	0.35	323	64.8	0.43	321	64.8	0.45	317
	•	331	71.4	0.37	337	•	0.32	335	71.4	0.43	N	71.4	0.42	326
•	0.27	337	77.9	0.40	340	77.9	0.35	328	77.9	0.40	$^{\circ}$	•	0.41	328
•	0.10	34	4.	0.15	Н	84.5	0.15	329	84.5	0.22	331			342
ω.	btm		6.0	btm		93.5	btm		91.0	0.06	38	91.0	0.12	343
									93.8	btm		92.8	btm	

Table 99.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst)Continued

Peth         Vel         Hdg         Dpth         Vel						Dist	Distance fro	from left bank (feet)	bank	(feet)					
Vel         Hdg         Dpth         Vel         Hdg         Det         Det         Det <t< th=""><th></th><th>885</th><th></th><th></th><th>926</th><th></th><th></th><th>954</th><th></th><th></th><th>982</th><th></th><th></th><th>1,023</th><th></th></t<>		885			926			954			982			1,023	
.7 0.55 338 5.7 0.52 339 5.7 0.54 342 5.7 0.50 350 5.7 0.58 3 0.53 328 12.3 0.49 328 12.3 0.49 334 12.3 0.43 342 12.3 0.53 9 0.51 320 18.9 0.44 318 18.9 0.50 321 25.4 0.49 327 25.4 0.42 4 0.52 318 25.4 0.42 318 25.4 0.50 321 25.4 0.49 327 25.4 0.42 0 0.49 318 32.0 0.46 312 32.0 0.51 322 32.0 0.45 316 32.0 0.46 0 0.43 319 38.6 0.50 311 38.6 0.53 319 38.6 0.43 323 38.6 0.48 1 0.43 321 45.1 0.46 313 45.1 0.47 318 45.1 0.43 319 45.1 0.35 2 0.46 314 58.2 0.44 315 58.2 0.44 325 69.3 btm  2 0.39 314 64.8 0.44 317 64.8 0.34 337  1 0.35 334 84.7 btm  2 0.35 336 0 0.55 336 0 0.55 336 0 0.55 336 0 0.55 336 0 0.55 336 0 0.55 336 0 0.55 336 0 0.55 336 0 0.55 337 71.4 0.27 328 0 0.36 334 84.7 btm	Dpth	Vel	НФд	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Нфд	Dpth	Vel	Над
.3         0.53         328         12.3         0.49         334         12.3         0.43         342         12.3         0.50         328         12.3         0.49         304         12.3         0.43         342         12.3         0.58         328         18.9         0.50         328         18.9         0.44         332         18.9         0.48         321         25.4         0.44         332         18.9         0.48         321         25.4         0.49         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.42         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4         0.48         327         25.4	5.7	•	338	5.7	٠.	339	•	٠.	342	•	•	350	•	٠.	4
9         0.51         320         18.9         0.44         318         18.9         0.50         328         18.9         0.44         332         18.9         0.48         32         18.9         0.44         32         18.9         0.48         32         32.4         0.50         321         25.4         0.49         327         25.4         0.42         32         0.42         318         25.4         0.50         321         25.4         0.49         327         25.4         0.42         32         0.46         32         32.0         0.45         316         32.0         0.46         32         32.0         0.45         316         32.0         0.45         316         32.0         0.46         32         32.0         0.45         318         45.1         0.48         318         45.1         0.43         32         32.0         0.46         32         0.48         32         0.48         318         45.1         0.43         32         0.48         31         45.1         0.48         316         51.7         0.43         32         0.44         32         69.3         btm         45.0         btm           .4         0.37         314	8	•	328	ς.	4.	328	2	4.	334	8	4.	342	~	5	334
4       0.52       318       25.4       0.42       321       25.4       0.49       327       25.4       0.40         0       0.49       318       32.0       0.51       322       32.0       0.45       316       32.0       0.46         1       0.43       318       32.0       0.51       32       32.0       0.45       316       0.46       317       0.48       32.0       0.45       316       0.48       32.0       0.46       0.48       0.51       0.43       323       38.6       0.48       0.48       0.48       0.47       318       45.1       0.43       32.3       38.6       0.48       0.48       0.39         1       0.43       321       45.1       0.47       318       45.1       0.43       319       45.1       0.39       0.39         1       0.44       315       58.2       0.44       325       69.3       btm         2       0.46       317       64.8       0.34       337       58       58.0       btm         3       334       84.7       btm       76.9       btm       76.9       btm       76.9       btm       76.9       btm	•	•	320	ω.	4.	318	φ.	•	328	ω.	•	332	φ.	. 4	328
.0 0.49 318 32.0 0.46 312 32.0 0.51 322 32.0 0.45 316 32.0 0.46   .6 0.43 319 38.6 0.50 311 38.6 0.53 319 38.6 0.43 323 38.6 0.48   .1 0.43 321 45.1 0.46 313 45.1 0.47 318 45.1 0.43 319 45.1 0.39   .7 0.44 313 51.7 0.45 311 51.7 0.48 316 51.7 0.35 334 58.0 btm   .2 0.46 314 58.2 0.44 315 58.2 0.44 325 69.3 btm   .8 0.39 314 64.8 0.44 317 64.8 0.34 337   .4 0.37 314 71.4 0.36 327 71.4 0.27 328   .5 0.35 336 334 84.7 btm   .6 0.35 336 336   .6 0.35 336   .8 0.39 318 6.30 btm   .8 0.39 0.36 337   .9 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.	•	•	318	5	4.	318	5.	•	321	5	4.	327	S	•	328
.6 0.43 319 38.6 0.50 311 38.6 0.53 319 38.6 0.43 323 38.6 0.48 32 .1 0.43 321 45.1 0.46 313 45.1 0.47 318 45.1 0.43 319 45.1 0.39 32 .7 0.44 313 51.7 0.45 311 51.7 0.48 316 51.7 0.35 334 58.0 btm .2 0.46 314 58.2 0.44 317 64.8 0.34 337 .4 0.37 314 71.4 0.36 327 71.4 0.27 328 .9 0.36 334 84.7 btm .76.9 btm .9 btm	•		318	ά.	•	312	2	•	322	2	•	316	2	٠.4	323
.1 0.43 321 45.1 0.46 313 45.1 0.47 318 45.1 0.43 319 45.1 0.39 32 .7 0.44 313 51.7 0.45 311 51.7 0.48 316 51.7 0.35 334 58.0 btm .2 0.46 314 58.2 0.44 315 58.2 0.44 325 69.3 btm .4 0.37 314 71.4 0.36 327 71.4 0.27 328 .9 0.36 334 84.7 btm .76.9 btm .0 btm	•	•	319	φ.	.5	311	ω.	3.	319	ω.	4.	323	φ.	4.	322
.7 0.44 313 51.7 0.45 311 51.7 0.48 316 51.7 0.35 334 58.0   .2 0.46 314 58.2 0.44 315 58.2 0.44 325 69.3 btm   .8 0.39 314 64.8 0.44 317 64.8 0.34 337   .4 0.37 314 71.4 0.36 327 71.4 0.27 328   .9 0.36 334 84.7 btm   76.9 btm   .5 0.35 336   .0 btm	•	•	321	ъ.	•	313	5	•	318	5.	4.	319	5.	ω.	
.2 0.46 314 58.2 0.44 315 58.2 0.44 325 69.3 .8 0.39 314 64.8 0.44 317 64.8 0.34 337 .4 0.37 314 71.4 0.36 327 71.4 0.27 328 .9 0.36 334 84.7 btm 76.9 btm .5 0.35 336 .0 btm		•	313	ä	4.	311	÷.	•	316	ä	ω.	3	8.0	btm	
.8 0.39 314 64.8 0.44 317 64.8 0.34 .4 0.37 314 71.4 0.36 327 71.4 0.27 .9 0.36 334 84.7 btm 76.9 btm .5 0.35 336 .0 btm	•	•	314	φ.	4.	315	φ.	•	325	9.3	btm				
.4 0.37 314 71.4 0.36 327 71.4 0.27 32	•	•	314	4.	4.	317	4.	•	337						
.9 0.36 334 84.7 btm 76.9 .5 0.35 336 .0 btm	•	•	314	Ξ.	ε.	327	H	•	2						
4.5 0.35 33 0.0 btm	•	•	m	4	btm		6.9	btm							
0.0	4.	•	$^{\circ}$												
	0.0	btm													

Table 99.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst)-Continued

		Hdg	325	322	322	325				
	1,179	Vel	0.63	0.59	0.53	0.39	btm			
		Dpth	5.7	12.3	18.9	25.4				
		Ндд	332	325	315	310	309			
	1,155	Vel	0.72	0.69	0.65	0.54	0.14	btm		
(feet)	1	Dpth	5.7	12.3	18.9	25.4	32.0			
bank		Hdg	344	336	327	325	328	234		
m left	1,116	Vel	0.59	0.57	0.58	09.0	0:30	0.07	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	40.2 h	
Dista		Hdg	343	334	335	327	330	346		
	1,090	Vel	0.58	0.57	0.56	0.55	0.39	0.10	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	43.7	
		Hdg	338	327	326	321	319	332	316	
	1,049	Vel	09.0	0.56	0.55	0.55	0.53	0:30	0.15	btm
	ļ	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	49.0 F

Table 99.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst)-Continued

		Hdg	
		Vel	
		Dpth	
		Hdg	0 6
	1,299	1	0.23 0.10 btm
(feet)	-	Dpth Vel	5.7 0. 12.3 0. 16.7 btm
bank	1	Нфд	328 320 16
n left	1,279	Vel	0.41 328 0.26 320 0.08 16
Distance from left bank (feet)		Dpth	5.7 0. 12.3 0. 18.9 0. 21.9 btm
Dista		i	310 286 321 230
	1,242	th Vel Hdg	0.27 0.34 0.20 0.15 btm
		Dpth	12.3 12.3 18.9 25.4
		Нфд	313 308 308 24
	1,217	Vel	0.49 0.46 0.46 0.07 btm
		Dpth	5.7 12.3 18.9 25.4 30.2 b

Table 100.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	225 209 232 211
	182	Vel	1.1 0.88 0.54 0.16
		Dpth	5.7 1 12.3 0 18.9 0 25.4 0
		Hdg	229 227 242
	152	Vel	1.0 0.89 0.44 otm
(feet)	<del></del>	Dpth	5.7 1 12.3 0 18.9 0 26.7 btm
bank		Hdg	232 236 228
m left	123	Vel	0.98 232 0.64 236 0.32 228
Distance from left bank (feet)		Dpth	5.7 0 12.3 0 18.9 0 22.5 btm
Dista		Над	236
	86	Vel	0.84 236 0.04 180 btm
		Dpth Vel	5.7 0 12.3 0 18.1 btm
		Ндд	232
	58	Vel	5.7 0.19 232 12.7 btm
		Dpth Vel Hdg	5.7

Table 100.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst)Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	214			245			278	Ì		319			348	
Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	над	Dpth	Ve1	над
5.7			5.7	1.3		5.7	1.4		5.7	1.4		5.7	1.4	229
12.3		217	12.3	1.3		12.3	1.3		12.3	1.4		12.3	1.3	227
18.9			18.9	1.1		18.9	1.3		18.9	1.3		18.9	1.3	220
25.4	0.46		25.4	0.73	229	25.4	1.2	218	25.4	1.3		25.4	1.3	220
32.8			32.0	0.38		32.0	0.65		32.0	0.90	226	32.0	1.2	220
			37.2	btm		40.1	btm		38.6	0.22		38.6	0.71	211
									44.7	btm		52.5	btm	

Table 100.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	378			407			448		-	478			508	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Ндд
							-							
5.7	1.5	228	5.7	1.4	234	5.7	1.3	231	5.7	1.4	232	5.7	1.4	229
12.3	1.4	227	12.3	1.4	236	12.3	1.3	231	12.3	1.4	232	12.3	1.4	230
18.9	1.4	224	18.9	1.3	237	18.9	1.2	231	18.9	1.4	232	18.9	1.4	231
25.4	1.3	222	25.4	1.2	233	25.4	1.2	230	25.4	1.4	232	25.4	1.3	232
32.0	1.3	221	32.0	1.2	228	32.0	1.2	227	32.0	1.4	230	32.0	1.3	232
38.6	1.2	222	38.6	1.1	223	38.6	1.2	223	38.6	1.3	229	38.6	1.3	229
45.1	0.89	218	45.1	1.2	223	45.1	1.1	221	45.1	1.3	229	45.1	1.2	228
51.7	0.70	169	•	1.0	219	51.7	1.1	222	51.7	1.3	226	51.7	1.2	225
60.5	btm		58.2	0.52	200	58.2	1.1	215	58.2	1.3	222	58.2	1.2	221
			•	btm		64.8	0.88	204	64.8	1.2	220	64.8	1.1	217
						71.4	0.72	191	71.4	1.0	212	71.4	1.1	212
						78.1	btm		85.2	btm		77.9	0.95	201
												89.4	btm	

Table 100.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst)Continued

	//9	Vel Hdg	1.5 231	1.5 234	1.5 233	1.4 232	1.3 231	1.3 232	1.3 228	.2 22	.1 22	.1 22	٥.	0.77 212	0.30 224	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	84.5	87.8
		ндд	232	234	235	234	235	233	231	227	226	225	218	210	220	
Ç	929	Vel	1.5	1.5	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.0	0.91	0.38	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	84.5	89.8
bank		Ндд	235	236	236	236	235	236	235	233	227	222	218	208	213	
m left	809	Vel	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.0	1.0	0.96	0.85	0.56	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	84.5	91.2
Dista		Ндд	234	235	236	235	234	235	232	227	225	226	223	Н	215	
C C	6/6	Vel	1.6	1.6	1.6	1.6	1.6	1.5	1.4	•	1.3	1.3	•	1.2	0.86	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	•	ω.
		Ндд	237	238	238	239	238	236	234	231	228	223	219	214	205	
С	543	Vel	1.4	1.4	1.3	1.3	1.3	1.2	1.1	:	1.1	1.1	1.1	0.98	0.61	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	•	•	64.8	•	•	84.5	

Table 100.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	708			739			170		~	800			830	
Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	НФВ	Dpth	Vel	Нфд
5.7	1.4	234	5.7	1.5	225	5.7	1.5	234	5.7	1.4	238	5.7	1.5	238
12.3	1.4	235	12.3	1.4	227	12.3	1.4	234	12.3	1.3	240	12.3	1.4	239
18.9	1.3	235	18.9	1.3	227	18.9	1.4	234	18.9	1.3	239	18.9	1.4	239
25.4	1.3	233	25.4	1.3	226	25.4	1.3	234	25.4	1.2	239	25.4	1.3	239
32.0	1.2	234	•	1.3	226	32.0	1.3	234	32.0	•	238	32.0	1.2	238
38.6	1.2	233		•	225	38.6	1.3	233	38.6	•	238	38.6	1.2	239
45.1	1.2	231	45.1	•	223	45.1	:	232	45.1	1.1	237	45.1	1.1	236
51.7	1.2	228		•	221	51.7	1.1	229	51.7	•	235	51.7	1.1	235
58.2	1.2	224	58.2		217	58.2	1.1	227		0.97	232	58.2	1.1	233
64.8	1.1	222		1.1	214	64.8	1.1	225	64.8	•	226	64.8	•	231
71.4	06.0	219	•	1.0	209	71.4	0.88	223	71.4	0.57	229		0.57	232
•	0.54	225	77.9	0.25	207	77.9	0.27	224	77.9	0.11	231	77.9	0.04	261
84.5	0.40	235	83.8	btm		82.5	btm		81.0	btm		79.3	btm	
6.	btm													

Table 100.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	869			006			931		J.	964		į	966	
Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	vel	ндд	Dpth	vel	Hdg
5.7	1.5	241	5.7	1.5	239	5.7	1.5	240	5.7	1.4	237	5.7	1.4	243
12.3	1.4	243	12.3	1.4	241	12.3	1.4	240	12.3	1.3	238	12.3	1.3	244
18.9	1.4	242	18.9	1.3	240	18.9	1.3	239	18.9	1.3	239	18.9	1.3	244
25.4	1.3	241	25.4	1.2	238	25.4	1.3	238	25.4	1.2	239	25.4	1.3	244
32.0	1.2	242	32.0	1.2	238	32.0	1.2	236	32.0	1.1	237	32.0	1.2	244
38.6	1.2	241	38.6	1.1	233	38.6		237	38.6	1.0	237	38.6		244
45.1	1.1	240	45.1	1.0	234	45.1	1.0	236	45.1	1.0		45.1	1.0	243
51.7	1.1	237	51.7	1.0	235	51.7	0.97	237	51.7	0.96		51.7	0.95	238
58.2	1.1	234	58.2	0.99	236	58.2	0.93	236	58.2	0.89		58.2	06.0	237
64.8	0.90	232	64.8	0.75	237	64.8	09.0	238	64.8	0.42		64.8	0.37	239
71.4	0.41	228	71.4	0.20	224	71.4	0.14	209	71.4	0.08		71.4	0.04	57
77.3	btm		.5	btm		Η.	btm		72.8	btm		71.8	btm	

Table 100.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst)-Continued

	r.	брн Т	1 244				0.68 239	46 240					
	1,161	Vel	H	O	-	0	0	0	btm				
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	52.7				
		Hdg	251	250	250	250	249	249	252	244	226		
	1,130	Vel	1.2	1.1	1.0	0.90	0.83	0.84	0.73	0.47	0.25	btm	
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	8.09	
bank		Нфд	247	250	248	250	249	245	241	238	241		
m left	1,100	Vel	1.4	1.3	1.3	1.2	1.1	1.0	0.98	0.86	0.58	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	66.4	
Dist		Нфд	242	244	245	243	244	240	240	239	240	225	
	1,061	Vel	1.4	1.3	1.3	1.3	1.2	1.1	1.0	0.96	0.78	0.32	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	ω	64.8	9.5
		Hdg	244	244	244	245	242	242	242	241	238	235	
	1,029	Vel	1.4	1.3	1.3	1.2	1.2	1.1	1.0	0.97	0.85	0.31	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	70.8

Table 100.-Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst)Continued

1,192 Vel	ндд	Dpth	1,224 Vel	Hdg	1,257  Hdg Dpth Vel Hdg Dpth	1,257 Vel	Hdg	Dpth	1,293 Vel	НФд
e. 0	240	5.7			5.7			5.7		
6.	44	12.3	0.85		12.3			12.3	0.67	218
0.89	249	18.9	0.71	241	18.9	0.30	252	18.9		
0.68	57	25.4		238	25.4			25.7	btm	
0.36	47	32.0		90	29.1	btm				
btm		33.0	btm							

Table 101.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on February 27, 1992 (1429 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		над	259 256 266 270 263
	190	Vel	0.26 0.27 0.27 0.24 0.08
		Dpth	5.7 12.3 18.9 25.4 32.0
		Ндд	261 272 273 325
	165	Vel	0.18 0.20 0.22 0.16 btm
(feet)		Dpth	5.7 12.3 18.9 25.4 31.9 b
bank		Над	235 247 253
m left	132	Vel	5.7 0.18 12.3 0.18 18.9 0.03 25.9 btm
Distance from left bank (feet)		Dpth	5.7 12.3 18.9 25.9 1
Dista		Ндд	257 268 270
	108	Vel	5.7 0.21 12.3 0.17 18.9 0.05 21.6 btm
		Dpth Vel	5.7 0 12.3 0 18.9 0 21.6 btm
		Ндд	237 234 90
	83	Dpth Vel Hdg	5.7 0.12 12.3 0.10 18.9 0.06 22.9 btm
		Dpth	5.7 12.3 18.9 22.9 1

Table 101.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on February 27, 1992 (1429 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	215			253			277			314		-	350	
Dpth	Vel	ндд	Dpth	Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	над	Dpth	Vel	ндд
5.7	0.24	236	5.7	0.16	243	5.7	0.15	239	5.7	0.12	260	5.7	0.15	257
12.3	0.22	251	12.3	0.15	246	12.3	0.15	258	12.3	0.14	260	12.3	0.20	265
18.9	0.25	241	18.9	0.17	254	18.9	0.17	259	18.9	0.16	252	18.9	0.23	265
25.4	0.28	256	25.4	0.22		25.4	0.23	253	25.4	0.17	256	25.4	0.19	265
32.0	0.13	261		0.23		32.0	0.21	265	32.0	0.17	272	32.0	0.18	268
39.7 b	btm		38.6	0.22		38.6	0.21	263	38.6	0.25	267	38.6	0.22	271
			47.4	btm		45.1	0.14	293	45.1	0.21	274	45.1		282
						51.8	btm		51.7	0.05	107	51.7		276
									55.8	btm		58.6	btm	

Table 101.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on February 27, 1992 (1429 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	375			413			451		,	476			514	
Dpth '	Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
7	90.0	286	5.7	0.12	276	5.7	0.16	272	5.7	0.17	292	5.7	0.21	278
m	0.07	280	12.3	0.16	276	12.3	0.19	277	12.3	0.19	279	12.3	0.20	279
6	90.0	288	18.9	0.13	262	18.9	0.16	264	18.9	0.17	280	18.9	0.20	273
4	0.07	219	25.4	0.13	267	25.4	0.19	261	25.4	0.17	284	25.4	0.22	270
32.0	0.08	226	32.0	0.11	273	32.0	0.15	276	32.0	0.17	277	32.0	0.21	260
9	90.0	257	38.6	0.12	281	38.6	0.18	273	38.6	0.20	279	38.6	0.20	270
-	0.04	329	45.1	0.18	297	45.1	0.20	276	45.1	0.23	288	45.1	0.23	276
7	0.05	349	51.7	0.16	298	51.7	0.14	302	51.7	0.09	334	51.7	0.11	298
	btm		58.2	0.10	47	58.2	0.10	11	59.7	btm		59.5	btm	
			9.8	btm		59.8	btm							

Table 101.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on February 27, 1992 (1429 pst)—Continued

		Нфд	ı	ı								
	1968	Vel	0.47	0.16	btm							
		Dpth	22.4	9.68	112.0							
		ндд	ı	t								
	1368	Vel	0.50	0.20	btm							
(feet)	<b>5</b> -1	Dpth	23.6	94.4	118.0 1							
bank		Hdg	261	269	259	253	251	252	265	264	90	
m left	604	Vel	0.19	0.20	0.23	0.24	0.22	0.16	0.21	0.14	0.10	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	61.4 1
Dista		Нфд	293	290	282	278	280	276	289	296	10	
	579	Vel	0.27	0.29	0.27	0.32	0.28	0.25	0.23	0.23	0.09	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	
		Ндд	310	309	300	288	303	312	297	320		
	540	Vel	0.20	0.21	0.19	0.14	0.17	0.10	0.15	0.15	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7		

Table 101.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on February 27, 1992 (1429 pst)-Continued

		НФд	194	193				
0	0.100	Vel	0.32	0.25	btm			
·		Dpth Vel	5.7	12.3	13.2			
		Нфд	236	204				
o o	200		59	55	tm			
	N	Dpth Vel	5.7		21.4 b			
bank		Hdg	220	215	203	169		
m left	1167		0.51	0.46	9.47	25.4	ot m	
Distance from left bank (feet)		Dpth Vel	5.7	12.3	18.9	25.4	39.6 btm	
Dista		Hdg	250	251	247	249		
0.00	7 76 7	Vel			0.54		ot m	
		Dpth Vel	5.7	12.3	18.9	25.4	32.0 btm	
		Hdg	ı	ı				
0	7300	Vel	0.48	0.28	btm			
		Dpth Vel	17.2	68.89	86.0 1			

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	136	173	183	22	
	209	Vel	0.08	0.09	0.10	0.10	otm
		Dpth	5.7	12.3	18.9	25.4	33.8 btm
		Нфд	186	174	184		
	176	Vel	0.12	0.04 174	0.17	otm	
(feet)		Dpth	5.7	12.3	18.9	25.9 btm	
bank		Hdg	118	159	138		
m left	145	Vel	0.17	12.3 0.03 1	0.04	otm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	21.9 btm	
Dista		Hdg	267	260			
	115	Vel	0.09	12.3 0.10 260	otm		
		Hdg Dpth Vel	5.7	12.3	18.6 btm		
		Hdg	111				
	75	Dpth vel	5.7 0.02	otm			
		Dpth	5.7	12.6 k			

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)-Continued

				Dist	Distance from left bank (feet)	m left	bank	(feet)					
243		:	277			310			344			379	
Vel	Hdg	Dpth Vel	Vel	НФЭ	Dpth	Vel	НФЭ	Dpth	Vel	Нфд	Dpth	Vel	НФд
.13		5.7	0.11	351	5.7	0.17		5.7	0.06	104	5.7	0.16	47
.20	77	12.3	0.11	324	12.3	0.10	163	12.3	0.06	98	12.3	0.05	42
.12		18.9	0.11	353	18.9	0.08		18.9	0.07	127	18.9	0.03	20
0.08		25.4	0.14	347	25.4	0.08		25.4	0.05	122	25.4	0.02	108
.09		32.0	0.10	332	32.0	0.08	189	32.0	0.05	122	32.0	0.02	341
btm		۲.	btm		38.6	0.07	174	38.6	0.04	174	38.6	0.03	277
					45.3 btm	btm		45.9	btm		46.1	btm	

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)Continued

		Hdg		81	0	197		353	. 225	
	532	Vel	0.12	0.05	0.02	0.04	0.04	0.08	0.01	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.1
		над	159	199			209	235	228	
	498	Vel	0.11	0.08	0.11	0.09	0.08	0.13	0.11	btm
(feet)	7	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	46.7
bank		над	92	75	273	97	29	14		
m left	464	Vel	0.10	0.05	0.10	0.10	0.09	0.05	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	46.3 1	
Dista		Hdg	148	117	24	171	159	184		
	430	Vel	0.26	0.09	0.13	0.21	0.18	0.17	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	46.2	
		Hdg	92	198	264	263	278	311		
	413	Vel	0.07	0.01	0.03	0.03	0.02	0.08	btm	
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6	46.2 F	

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	565			598			629			629			902	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.13	178	5.7	0.06	09	5.7	0.06	47	5.7	0.13	202	5.7	0.07	180
12.3	0.11	234	12.3	0.05	78	12.3	0.04	342	12.3	0.10	213	12.3	0.07	211
18.9	0.12	214	18.9	0.03	330	18.9	0.14	332	18.9	0.31	192	18.9	0.08	267
25.4	0.11	216	25.4	90.0	339	25.4	0.18		25.4	0.17	200	25.4	0.05	328
32.0	0.09	242	32.0	90.0	25	32.0	90.0	339	32.0	0.20	232	32.0	0.09	173
38.6	0.08	270	•	0.13	49	38.6	00.0	0	38.6	0.23	215	38.6	0.16	213
45.1	0.13	219	45.1	0.08	14	45.1	0.08	223	45.1	0.07	180	45.1	0.17	221
48.0 b	btm		50.6	btm		56.3	btm		61.3	btm		51.7	0.11	311
												58.2	0.05	ო
												64.4	btm	

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)-Continued

				Dist	Distance from left bank (feet)	m left	bank	(feet)					
		:	770			800			830			861	
Ħ	НФЭ	Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	Ндд	Dpth	Vel	Hdg
1													
	353	5.7	0.21	25	5.7	0.10	215	5.7	0.15	244	5.7	0.06	214
	353	12.3	0.16	13	12.3	0.16	221	12.3	0.20		12.3	0.14	202
	348	18.9	0.18		18.9	0.19	239	18.9	0.17		18.9	0.10	250
	351	25.4	0.24	320	25.4	0.17	258	25.4	0.32		25.4	0.12	273
	346	32.0	0.26		32.0	0.21	252	32.0	0.27		32.0	0.16	235
	336	38.6	0.27	358	38.6	0.22	256	38.6	0.17		38.6		257
	349	45.1	0.26	11	45.1	0.10	264	45.1	0.12	153	45.1	0.02	329
	351	51.7	0.36	Н	51.7	0.19	255	51.7	0.24		51.7		341
		58.2	0.38	7	58.2	0.16	275	58.2	0.20		58.2	0.33	345
		64.8	0.31	10	64.8	0.11	253	64.8	0.14		64.8	90.0	315
		66.1	btm		68.0	btm		67.5	btm		69.4	btm	

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)-Continued

		НАЭ	ı	i	i	ı							
	1,000	Vel	0.38	0.32	0.13	0.14	btm						
		Dpth	17.4	34.8	52.2	9.69	87.0						
		Над	338	330	311	320	338	336	330	331	7	29	
	983	Vel	0.17	0.16	0.17	0.12	0.07	0.13	0.13	0.18	0.17	0.16	btm
(feet)	O1	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	68.0 k
bank		Hdg	92	86	82	78	77	72	57	75	20		
m left	953	Vel	0.37	0.35	0.38	0.37	0.32	0.41	0.28	0.31	0.37	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	
Dist		Hdg	5	18	335	341	278	319	328	320	349	16	
	922	Vel	0.14	90.0	0.07	0.14	0.13	0.11	0.14	0.24	0.29	0.18	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	70.4
		Над	327	281	281	289	295	286	267	19	64	333	
	891	Vel	90.0	90.0	0.18	0.13	•	•	0.07	•	0.11	0.04	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	69.8

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)Continued

et)	1,800	Dpth Vel Hdg Dpth Vel Hdg	- 18.6	- 37.2	58.2 0.08 - 55.8 0.14 -	.13 - 74.4	btm
Distance from left bank (feet)	1,600	Dpth Vel Hdg	0.31 -	0.23 -	60.6 0.17 -	0	btm
Distance fr	1,400	h Vel Hdg Dpth	ı	ı	ı	ı	
		Dpt	ı	ı	- 60.6 0.22	ı	
	1,200	Dpth Vel Hdg	20.0 0.29	40.0 0.31	60.0 0.22	80.0 0.27	100.0 btm

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	2,035			2,072			2,090		- •	2,126			2,161	
Dpth	Vel	над	Dpth	Vel	ндд	Dpth	Vel	Ндд	Dpth	Vel	над	Dpth	Vel	Над
5.7	ε.	242	5.7	0.46	260	5.7		262	5.7	0.35	258	5.7	•	
12.3	0.38	265	12.3	0.43	265	12.3	0.31	261	12.3	0.35	257	12.3	0.38	261
18.9	0.40	239	18.9	0.41	257	18.9	0.34	260		0.35	252	18.9	0.38	261
25.4	0.36	234	2	0.46	256	25.4	0.29	254	25.4	0.34	261	25.4	•	265
32.0	0.34	234	2	0.42	255	•	0.29	258	32.0	•	251	32.0	0.31	261
38.6	0.32	229	ω	0.33	250	38.6	0.28	261	38.6	•	255	38.6	0.31	259
45.1	0.27	225	45.1	0:30	254	45.1	0.19	256	45.1	0.29	258	45.1	•	258
51.7	0.23	228	Н	0.27	267	51.7	0.17	259	51.7	0.22	256	51.7	0.26	252
58.2	0.24	213	ω	0.24	265	58.2	0.12	263	58.2	0.18	253	58.2	0.19	261
64.8	0.22	226	4	0.15			0.09	223		0.10	237	64.8	0.16	238
71.4		200	71.4	0.14	215	71.4	0.09	212	71.4	0.08	226	71.4	0.07	234
84.2	btm		3.4	btm		77.9	0.06	23	80.1	btm		79.0	btm	
						80.5	btm							

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)-Continued

		над	263	254	257	260	258	259	257	260	251	212	245	
	2,319	Vel	0.40	0.34	0.37	0.34	0.34	0.35	0.30	0.25	0.25	0.12	0.05	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	75.1
		Hdg	280	272	273	270	271	267	270	273	273	243		
	2,302	Vel	0.39	0.36	0.29	0.33	0.33	0.33	0.27	0.16	0.18	0.04	btm	
(feet)	.,	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	75.0	
bank		над	271	268	270	268	266	267	270	273	268	240	322	
m left	2,267	Vel	0.46	0.41	0.40	0.39	0.41	0.39	0.33	0.24	0.19	0.11	0.07	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	74.3
Dista		Hdg	263	259	264	262	257	258	255	255	250	211	197	
	2,232	Vel	0.44	0.41	0.38	0.37	0.37	0.36	0.31	0.28	0.20	0.13	0.12	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	75.8
		Hdg	270	261	258	264	262	259	260	253	259	240	148	
	2,197	Vel	0.38	0.37	0.32	0.31	0.32	0.30	0.27	0.21	0.16	0.09	0.11	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)Continued

					Distance		from left		bank (feet)					
	2,354			2,389			2,424			2,459			2,495	
Dpth	Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	Нфд	Dpth	Vel	Ндд	Dpth	Vel	Hdg
5.7	•	270	5.7	0.30	263	5.7	0.41	268	5.7	0.40	260	5.7	0.31	262
12.3	N	263	12.3	0.31	257	12.3	0.40	261	12.3	0.40	261	12.3	0.29	260
18.9	4	257	18.9	0.33	258	18.9	0.42	262	18.9	0.39	264	18.9	0.30	261
25.4	•	256	25.4	0.31	262	25.4	0.44	262	25.4	•	257	25.4	0.28	261
8	0.24	263	32.0	0.27	261	32.0	0.39	262	32.0	0.37	262	32.0	0.26	263
38.6	4	265	38.6	0.29	260	38.6	0.37	264	38.6	0.34	262	38.6	0.28	257
	0.21	257	45.1	0.26	262	45.1	0.36	260	45.1	0.31	259	45.1	0.26	260
51.7	0.15	262	51.7	0.26	261	51.7	0.31	260		0.26	259	51.7	0.20	256
58.2	0.10	248	58.2	0.15	251	58.2	0.22	260	58.2	0.25	257	58.2	0.10	243
64.8	0.13	147		0.14	157	64.8	0.12	223	64.8	0.14	230	64.8	0.10	178
71.4	0.12	93	71.4	0.07	92	71.4	0.04	247	71.4	0.04	265	71.4	0.05	122
75.3	btm		9.	btm		75.8	btm		75.8	btm		75.8	btm	

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)-Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	2,529			2,564			2,582			2,617			2,651	
Dpth	Vel	Hdg	Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Ve1	Hdg
5.7	•	265	5.7	0.34	271	5.7	0.34	277	5.7	0.30	263	5.7	0.31	269
12.3	0.34	264	12.3	0.37	265	12.3	0.31	279	12.3	0.29	263	12.3	0.29	271
18.9	•	9	18.9	0.28	275	18.9	0.32	276	18.9	0.29	263	18.9	0.24	274
25.4	0.30	264	25.4	0.28	275	25.4	0.33	273	25.4	0.30	259	25.4	0.27	272
ά.	•	9	32.0	0.29	264	32.0	0.32	272	32.0	0.23	260	32.0	0.23	270
38.6	•	260	38.6	0.30	268	38.6	0.29	284	38.6	0.24	260	38.6	0.23	270
δ.	0.27	9	45.1	0.25	264	45.1	0.32	283	45.1	0.19	256	45.1	0.24	259
÷.	•	S	Н	0.20	262	51.7	0.29	282	51.7	0.22	260	51.7	0.23	259
58.2	0.14	252	58.2	0.18	259	58.2	0.16	279	58.2	0.15	259	58.2	0.18	270
4.	0.11	7	64.8	0.10	260	64.8	0.07	261	64.8	0.03	216	64.8	0.02	141
71.4	0.03	196	71.4	0.00	180	71.4	90.0	329	71.4	0.07	101	75.3	btm	
75.8	btm		5.9	btm		76.0	btm		75.9	btm				

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	2,685			2,720			2,753		- •	2,787			2,821	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.30	245	5.7	0.31	255	5.7	0.24	239	5.7	0.08	200	5.7	0.18	272
12.3	0.29	243	12.3	0.28	259	12.3	0.24	244	12.3	0.19	232	12.3	0.21	254
18.9	0.31	243	18.9	0.33	264	18.9	0.28	245	18.9	0.15		18.9	0.21	269
25.4	0.31	244	25.4	0.30	265	25.4	0.26	252	25.4	0.23		25.4	0.32	268
32.0	0.30	247	32.0	0.28	267	32.0	0.27	243	32.0	0.21	222	32.0		276
38.6	0.29	245	38.6	0.29	263	38.6	0.25	249	38.6	0.19		38.6	•	295
45.1	0.29	247	S	0.28	260	45.1	0.21	231	45.1	0.25		45.1	0.23	279
51.7	0.25	240	•	0.26	263	51.7	0.25	245	51.7	0.17	197	51.7	0.16	261
58.2	0.21	233	58.2	0.09	225	φ.	0.22	200	58.2	0.34	154	58.2	0.16	257
64.8	0.16	168	•	0.13	168	64.8	0.28	169	64.8	0.38	146	64.8	0.13	214
71.4	0.03	200	71.9	btm		72.7	btm		74.7	btm		73.9	btm	
73.8	btm													

Table 102,-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)Continued

				)     	7	The carried at the same of the contract of the		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					
2,854	<b>5</b> #		2,885			2,913			2,948				
Vel	Hdg	Dpth	Vel	ндд	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Hdg
7		t L	6	C L	ľ.	· ·		t L	•				
0.21	284	12.3	0.23	259 259	12.3	0.19	205	12.3	0.04	126			
.26		18.9	0.31	258	18.9	0.24		18.9	0.32				
0.28		25.4	0.32	257	25.4	0.29	187	24.4	btm				
.31		32.0	0.29	256	41.7	btm							
.27		38.6	0.23	260									
0.22		9.	btm										
1.16													
btm													

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Ндд	330	341	345	ო	
	222	Vel	0.24	0.23	0.22	0.10	btm
		Dpth Vel	5.7	12.3	18.9	25.4	30.1 k
		Ндд	347	353	0	52	
	186		0.16	0.16	0.10 0	0.22	tm
(feet)	- I	Dpth Vel	5.7	12.3	18.9		
bank		Hdg	333	334	31		
m left	148	Vel	0.18	0.16 334	0.05	otm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9 0.	23.9 k	
Dista		Hdg	331	0	153		
	124		0.18	0.11	18.9 0.02	otm	
		Dpth Vel	5.7	12.3	18.9	20.4 btm	
		Ндд	31				
	06	Dpth Vel Hdg Dp	5.7 0.09 31	otm			
		Dpth	5.7	11.5 E			

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)-Continued

257  260  270  280  317  353  378  Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel  0.25 343  5.7 0.24 320  6.20 350  12.3 0.16 319  12.3 0.20 349  12.3 0.17 351  12.3 0.07  0.21 354 18.9 0.13 323  18.9 0.21 350  0.11 16 25.4 0.02 326  25.4 0.07 349  25.4 0.07  26.5 12.5 18.9 0.19  26.7 18.9 0.19  27.7 18.9 0.10		1	<b>5</b>	ΟI	<#	7	0	
Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth 35.7  343 5.7 0.24 320 5.7 0.21 341 5.7 0.16 348 5.7 354 18.9 0.13 323 18.9 0.21 350 18.9 0.19 357 18.9 16 25.4 0.02 326 25.4 0.07 349 25.4 0.07 24 25.4 0.07 25 25.4 0.07 25 25 25 25 25 25 25 25 25 25 25 25 25			Hdg					
Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth 35.7  343 5.7 0.24 320 5.7 0.21 341 5.7 0.16 348 5.7 354 18.9 0.13 323 18.9 0.21 350 18.9 0.17 351 12.3 16.9 25.4 0.07 24 25.4 0.07 24 25.4		378	Vel	0.09	0.07	0.10	0.01	btm
Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel 353  343 5.7 0.24 320 5.7 0.21 341 5.7 0.16 354 12.3 0.17 354 18.9 0.13 323 18.9 0.21 350 18.9 0.19 16 25.4 0.02 326 25.4 0.07 349 25.4 0.07			Dpth	5.7	12.3	18.9	25.4	30.8
Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth  343 5.7 0.24 320 5.7 0.21 341 5.7 350 12.3 0.16 319 12.3 0.20 349 12.3 354 18.9 0.13 323 18.9 0.21 350 18.9 16 25.4 0.07 349 25.4 0.07 25.4			Hdg					
Hdg Dpth Vel Hdg Dpth Vel Hdg D 343 5.7 0.24 320 5.7 0.21 341 350 12.3 0.16 319 12.3 0.20 349 354 18.9 0.13 323 18.9 0.21 350 16.25.4 0.02 326 25.4 0.07 349		353	Vel	0.16	0.17	0.19	0.07	otm
Hdg Dpth Vel 343 5.7 0.24 350 12.3 0.16 354 18.9 0.13 16 25.4 0.02	(feet)		Dpth	5.7	12.3	18.9	25.4	30.7 btm
Hdg Dpth Vel 343 5.7 0.24 350 12.3 0.16 354 18.9 0.13 16 25.4 0.02	bank		Hdg	341	349	350	349	
Hdg Dpth Vel 343 5.7 0.24 350 12.3 0.16 354 18.9 0.13 16 25.4 0.02	m left	317	Vel	0.21	0.20	0.21	0.07	otm
Hdg Dpth Vel 343 5.7 0.24 350 12.3 0.16 354 18.9 0.13 16 25.4 0.02	ance fro		Dpth	5.7	12.3	18.9	25.4	30.7 k
280 Hdg Dpth Vel 343 5.7 0.24 350 12.3 0.16 354 18.9 0.13 16 25.4 0.02	Dista		Нфд	320	319	323	326	
Hdg Dpth 343 5.350 12.354 18.9		280	Vel	0.24	0.16	0.13	0.02	otm
			Dpth	5.7	12.3		25.4	30.6 btm
			Hdg	343	350	354	16	
		257		0.25	0.20	0.21	0.11	tm
5. 12. 18. 25.			Dpth	5.7	12.3	18.9	25.4	30.5 b

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)Continued

		ндд	295	298	277	261	237	
	554	Vel	0.11	0.09	0.05	0.04	0.04	btm
	Δ,	Dpth	5.7	12.3	18.9	25.4	32.0	43.6 1
		Ндд	351	7	21	23	18	
	516	Vel	0.09	0.08	0.08	0.05	0.03	btm
(feet)	2,	Dpth	5.7	12.3	18.9	25.4	32.0	
bank		над	33	17	356	48	135	
m left	478	Vel	0.07	0.09	90.0	0.07	0.02	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	32.6 1
Dista		Ндд	317	321	325	323		
	453	Vel	0.15	0.15	0.15	0.09	btm	
		Dpth Vel	5.7	12.3	18.9	25.4	31.7	
		Ндд	332	339	340	339		
	416	Vel	0.21	0.21	0.18	0.15	btm	
		Dpth	5.7	12.3	18.9	25.4		

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)Continued

		Ндд	23	349	54	48	75	47	72	
		HC								
	709	Vel	0.09	0.1	.0.0	0.0	0.05	0.0	0.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	52.1
		ндд	339	0	19	78	122	117	106	
	684	Vel	0.08	0.07	0.04	0.03	0.05	0.11	0.07	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.0
bank		Ндд	347	349	350	344	323		16	
n left	645	Vel	0.18	0.15	0.16	0.10	90.0	0.09	0.11	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	49.9 b
Dista		над	335	318	344	99	135	115	85	
	619	Vel	0.09	0.03	0.04	0.03	90.0	90.0	0.04	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.8
		Ндд	344	358	15	355	34	51	24	
	580	Vel	0.13	0.14	90.0	0.04	90.0	0.08	0.10	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.6

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)-Continued

		Hdg	36	09	48	09	90	114	115	63	
	877	Vel	0.05	0.05	0.08	0.07	0.08	0.08	0.09	0.07	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	54.1
		ндд	341	302	201	206	141	165	157	116	
	838	Vel	0.02	0.03	0.02	0.02	0.08	0.07	90.0	0.04	btm
(feet)	ω	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	53.9 b
bank		Hdg	357	ω	7	16	20	09	29	31	
m left	812	Vel	0.13	0.15	0.14	0.12	0.10	0.10	0.12	0.13	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	53.8 1
Dista		над	322	344	338	340	316	315	28		
	773	Vel	0.17	0.20	0.13	0.13	0.13	0.05	0.05	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	53.6	
		Hdg	352	0	Н	12	19	52	40		
	748	Vel	0.17	0.18	0.13	0.11	0.12	0.07	90.0	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	53.0	

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	803			943			970		, 1	1,010			1,037	
Dpth	Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	ндд
5.7	90.0	291	5.7	0.10	330	5.7	0.09	319	5.7	0.10	315	5.7	0.10	322
12.3	0.07	295	12.3	0.07	324	12.3	•	318	12.3	90.0	297	12.3	0.09	319
18.9	0.03	206	18.9	90.0	299	18.9	0	281	18.9	0.07	296	18.9	0.04	321
25.4	0.04	164	25.4	0.05	289	25.4	0	191	25.4	0.03	288	25.4	90.0	273
32.0	0.10	191		0.02	164	32.0	0.07	164	32.0	0.04	214	32.0	90.0	270
38.6	0.10	176	38.6	0.04	170	38.6	0.08	159	38.6	•	240	38.6	0.10	270
45.1	0.09	173	45.1	0.01	165	45.1	0.05	158	45.1	90.0	258	45.1	0.10	268
51.7	0.04	202	51.7	90.0	45	51.7	0.08	129	51.7	0.01	225	51.7	0.09	288
56.6	btm		62.9	btm		58.2	0.13	95	58.2		122	58.2	0.00	0
						4.5	btm		64.8	90.0	150	64.8	0.02	71
									71.4	0.07	33	71.4	0.05	238
									79.7	btm		77.9	0.11	316
												81.2	btm	

Table 103,-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,079			1,106			1,133			1,173			1,200	
Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд
5.7	0.10	335	5.7	0.10	291	5.7	0.08	297	5.7	0.05	50	5.7	0.11	261
12.3	0.08	318	12.3	0.05	280	12.3	90.0	308	12.3	90.0	93	12.3	0.08	247
18.9	0.05	7	18.9	90.0	280	18.9	0.07	278	18.9	90.0	66	18.9	0.09	226
25.4	0.05	320	25.4	0.09	251	25.4	0.06	263	25.4	0.04	138	25.4	0.15	255
32.0	90.0	296	32.0	0.08	253	32.0	0.10	281	32.0	0.03	282	32.0	0.17	258
38.6	0.07	300	38.6	0.10	266	38.6	0.12	276	38.6	90.0	249	38.6	0.21	252
45.1	0.08	313		0.09	249	45.1	0.10	279	45.1	0.07	234	45.1	0.20	253
51.7	0.02	348	51.7	0.08	244	51.7	0.09	278	51.7	0.04	225	51.7	0.23	250
58.2	0.04	75	58.2	0.09	207	58.2	0.03	275	58.2	0.02	156	58.2	0.17	235
•	90.0	71	64.8	0.07	185	64.8	0.05	111	64.8	0.09	136	64.8	0.15	248
	0.04	77	71.4	0.05	219	71.4	0.06	210	71.4	0.10	132	71.4	0.16	238
	0.05	331	77.9	0.08	284	77.9	0.07	285	77.9	0.02	108	77.9	0.19	258
81.5 1	btm		81.9	btm		82.3	btm		82.9	btm		83.8	btm	

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)Continued

		над	304	312	275	261	285	300	295	303	305	301	315	316	251	
	1,373	Vel	0.08	90.0	0.07	0.09	0.11	0.14	0.16	0.23	0.25	0.25	0.25	0.26	0.03	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	84.5	88.4
		Нфд	258	233	233	252	271	277	281	284	292	287	288	290	270	
	1,334	Vel	0.08	0.07	0.10	0.10	0.13	0.15	0.20	0.22	0.30	0.33	0.31	0.23	0.03	btm
(feet)	1	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	84.5	87.8 E
bank		Нфд	345	26	18	315	270	297	307	311	304	312	308	295	52	
m left	1,307	Vel	0.05	0.05	0.01	0.01	90.0	90.0	0.10	0.13	0.17	0.20	0.18	0.16	0.16	btm
Distance from left bank (feet)	·	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	84.5	87.0 1
Dista		Hdg	329	296	270	241	262	264	263	270	285	244	278	302		
	1,266	vel	0.04	0.03	0.02	0.05	0.08	0.11	0.08	0.07	0.07	90.0	0.09	90.0	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	86.0 1	
:		Hdg	348	353	Ŋ	310	288	289	280	287	297	312	291	286		
	1,240	Vel	0.08	•	0.07	90.0	0.11	0.14	0.16	0.13	0.08	0.05	0.05	90.0	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	ω.	

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)-Continued

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,563			1,604			1,632		. 1	1,659			1,700	
Dpth	Vel	Hdg	Dpth	Vel	Над	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg
5.7	0.04	303	5.7	0.09	336	5.7	0.06	319	5.7	0.11	80	5.7	0.11	358
12.3	0.03	255	12.3	0.07	336	12.3	0.05	323	12.3	0.07	54	12.3	90.0	11
18.9	0.03	253	18.9	0.12	331	18.9	0.04	323	18.9	0.05	10	18.9	0.10	5
25.4	0.10	290	25.4	0.17	336	25.4	0.05	315	25.4	0.10	340	25.4	0.10	346
32.0	•	313	$^{\circ}$	0.19	326	32.0	0.13	308	32.0	0.12	336	32.0	0.16	332
38.6	•	313	38.6	0.22	318	38.6	0.16	312	38.6	0.16	329	38.6	0.18	332
45.1	0.21	305	45.1	0.26	309	45.1	0.23	295	45.1	0.11	306	45.1	0.17	314
	•	302	i.	0.26	300	51.7	0.26	296	51.7	0.15	304	51.7	0.19	301
58.2	0.27	299	58.2	0.29	299	58.2	0.25	289	58.2	0.17	300	58.2	0.20	302
64.8	0:30	302	4.	0.29	301	64.8	0.21	292	64.8	0.19	306	64.8	0.23	312
71.4	0.26	311	Ξ.	0.27	311	71.4	0.23	292	71.4	0.17	315	71.4	0.19	308
•	0.17	296	77.9	0.25	316	77.9	0.15	302	77.9	0.10	321	77.9	0.05	300
84.5	0.04	192	4	0.02	291	84.5	0.05	127	84.5	0.07	97	85.9	btm	
88.6	btm		7.9	btm		87.2	btm		86.6	btm				

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)Continued

					Distance		from left		bank (feet)					
	1,727			1,768			1,795		. ,	1,823			1,865	!
Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	ндд	Dpth	Vel	Над	Dpth	Vel	Hdg
	۲.	309	5.7	•	3	5.7	0.20	332	5.7	0.26	315	5.7	0.34	337
12.3	0.16	313	12.3	0.22	335	12.3	0.15	327	12.3	0.20	321	12.3	0.32	340
	ч.	322	18.9	0.23	330	18.9	0.18	327	18.9	0.23	322	18.9	0.28	340
	۲.	321	25.4	0.22	324	25.4	0.15	318	25.4	0.22	319	25.4	0.27	329
	۲.	308	•	0.25	320	•	0.13	297	32.0	0.23	302	32.0	0.28	321
	2	305		0.26	316	38.6	0.18	301	38.6	0.26	294	ω	0.29	320
	2	298	45.1	0.27	306	45.1	0.23	281		0.29	291	45.1	0.30	319
•	.2	288		0.26	302	51.7	0.26	284	51.7	0.27	294	51.7	0.27	324
	ς.	287	58.2	0.24	299	•	0.21	290	58.2	0.25	295	58.2	0.24	325
	7	299	•	0.22	307	64.8	0.17	295	64.8	0.24	292	64.8	0.24	
•	2	287	•	0.23		71.4	0.18	284	71.4	0.20	293	71.4	0.19	324
	0.15	268	77.9	0.12	316	77.9	0.06	266	77.9	0.13		77.9	0.19	333
	0.08	279	•	0.07	344	84.5	0.12	45	84.5	0.05	ω	84.5	0.12	14
4.	btm		ო.	btm		85.8	btm		86.2	btm		86.5	btm	

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)-Continued

					Dista	Distance from	m left	bank	left bank (feet)					
	1,892			1,919			1,961			1,988			2,028	
Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	vel	Hdg	Dpth	vel	над	Dpth	Vel	Над
5.7	ε.	326	5.7	0.33	320	5.7	0.32	314	5.7	0.42	328	5.7	0.38	320
12.3	0.31	320	12.3	0.32	312	12.3	0.30	313	12.3	0.37	322	12.3	0.35	318
ω.	2	313		0.32	307	18.9	0.29	304	18.9	0.32	324	18.9	0.30	317
ъ.	4	307	25.4	0.28	305	25.4	0.27	310	25.4	0:30	324	25.4	0.27	319
ά.	4	293	32.0	0.26	300	32.0	0.27	313	32.0	0.32	332	32.0	0.27	318
38.6	2	294	38.6	0.27	303	38.6	0.22	304	38.6	0.28	333	38.6	0.27	324
5.	4	300	2	0.22	300	45.1	0.21	308	45.1	0.29	335	45.1	0.25	331
÷	ς.	301		0.25	304	51.7	0.18	302	51.7	0.32	332	51.7	0.25	
œ.	3	296	58.2	0.28	299	58.2	0.17	303	58.2	0.25	325	58.2	0.25	
4.	٦.	309	64.8	0.19	304	64.8	0.16	306	64.8	0.22	323	64.8	0.27	333
•	4	296	71.4	0.21	310	71.4	0.17	325	71.4	0.24	337	71.4	0.28	322
•	٦.	294	7.	0.16	295	77.9	0.06	324	79.7	btm		75.4	btm	
84.5	۰.	351	84.5	0.07	261	83.3	btm							
4.	btm		5.5	btm										

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)-Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	2,055			2,094			2,120			2,158			2,184	
Dpth	Vel	НФд	Dpth	Vel	Нфд	Dpth	Vel	ндд	Dpth	Vel	над	Dpth	Vel	Hdg
5.7	0.30	320	5.7	0.37	319	5.7	0.36	312	5.7	0.31	308	5.7	0.36	306
12.3	0.29	313	12.3	0.36	315	12.3	0.33	315	12.3	0.27	310	12.3	0.30	307
18.9	0.27	312	18.9	0.34	324	18.9	0.33	311	18.9	0.24	312	18.9	0.29	316
25.4	0.24	318	25.4	0.29	319	25.4	0.26	316	25.4	0.20	309	25.4	0.26	311
32.0	0.24	323	32.0	0.27	319	32.0	0.23	313	32.0	0.17	311	32.0	0.22	314
38.6	0.22	319	38.6	0.29	317	38.6	0.21	320	38.6	0.18	312	38.6	0.23	310
45.1	0.21	317	45.1	0.23	321	45.1	0.22	316	45.1	0.16	312	45.1	0.18	305
51.7	0.18	320	51.7	0.23	323	51.7	0.14	321	51.7	0.13	323	51.7	0.20	311
58.2	0.21	332	58.2	0.14	340	58.2	0.07	342	58.2	0.07	53	58.2	0.09	349
64.8	0.12	331	7.0	btm		64.4	btm		64.4	btm		64.0	btm	
70.3	btm													

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	2,223			2,250			2,289		. 4	2,319			2,353	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	vel	Hdg	Dpth	Vel	Ндд
5.7	0.32	315	5.7	0.29	304	5.7	0.28	319	5.7	0.32	307	5.7	0.33	314
12.3	0.27	315	12.3	0.26	307	12.3	0.23	330	12.3	0.26	315	12.3	0.25	317
18.9	0.27	310	18.9	0.21	320	18.9	0.22	332	18.9	0.26	316	18.9	0.24	319
25.4	0.23	315	25.4	0.20	319	25.4	0.19	322	25.4	0.20	311	25.4	0.17	315
32.0	0.19	310	32.0	0.20	315	32.0	0.16	322	32.0	0.19	315	32.0	0.17	313
38.6	0.18	308	38.6	0.17	300	38.6	0.13	317	38.6	0.15	308	38.6	0.15	309
45.1	0.16	317	45.1	0.13	311	45.1	0.11	332	45.1	0.13	320	45.1	0.12	305
51.7	0.14	312	51.7	0.19	322	51.7	0.12	11	51.7	0.09	347	51.7	0.09	355
58.2	0.03	330	58.2	0.04	315	58.2	0.02	90	58.2	0.03	243	58.2	0.04	70
	btm			btm		59.61	btm		59.4	btm		59.9	btm	

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)Continued

		Hdg	312	315	319	317	305	303	301	302	312	
	2,520	Vel	0.40	0.34	0.27	0.24	0.17	0.20	0.18	0.12	90.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	60.1 b
		над	307	312	312	321	309	298	297	331	39	
	2,482	Vel	0.42	0.38	0.33	0.28	0.22	0.19	0.15	0.12	0.03	btm
(feet)	2	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	60.5 b
bank		над	309	317	311	314	306	300	299	356	119	
n left	2,456	Vel	0.38	0.28	0.26	0.23	0.17	0.12	0.14	90.0	0.05	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	e0.6 b
Dista		Ндд	320	324	325	325	323	322	320	335	332	
	2,417	Vel	0.44	0.41	0.34	0.34	0.32	0.26	0.22	0.19	0.09	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	e0.3 p
		ндд	319	323	322	315	306	302	315	324	0	
	2,392	Vel	0.39	0.33	0.28	0.23	0.21	0.18	0.17	0.14	0.05	tm tm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	60.1 b

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	2,546			2,586			2,612			2,651			2,677	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	над	Dpth	Vel	Над	Dpth	Vel	Hdg
5.7	0.42	329	5.7	0.27	327	5.7	0.45	322	5.7	0.32	318	5.7	0.30	329
12.3	0.33	331	12.3	0.20	330	12.3	0.43	325	12.3	0.24	318	12.3	0.20	306
18.9	0.27	327	18.9	0.16	319	18.9	0.32	314	18.9	0.17	310	18.9	0.14	308
25.4	0.25	326	25.4	0.15	306	25.4	0.26	316	25.4	0.18	301	25.4	0.14	297
32.0	0.25	318	32.0	0.13	312	32.0	0.28	322	32.0	0.15	305	32.0	0.16	300
38.6	0.23	321	38.6	0.13	301	38.6	0.27	312	38.6	0.18	306	38.6	0.21	288
45.1	0.20		•	0.10	318	45.1	0.26	310	45.1	0.19	309	45.1	0.16	298
51.7	0.18		51.7	0.09	315	51.7	0.23	317	51.7	0.13	323	51.7	0.12	321
58.2	0.12		58.2	0.02	11	58.2	0.14	328	58.2	0.05	320	58.2	0.05	322
	btm		7	btm		60.3	btm		60.1	btm		59.7	btm	

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)Continued

Distance from left bank (feet) 2,783 2,808 2,847	Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	340 5.7 0.16 314 5.7 0.18	317 12.3 0.10 305 12.3 0.13	317 18.9 0.09 311 18.9 0.16	325 25.4 0.11 334 25.4 0.16	327 32.0 0.09 329 32.0 0.15	346 38.6	347 45.1 0.09 342 45.1 0.15	49 51.7 0.10 0 51.7 0.14	otm 60.0 btm 59.4 btm
Distance 2,743	Hdg Dpth Vel Hdg Dpth	5.7 0.24 332	12.3 0.15 307	18.9 0.18 305	25.4 0.17 310	32.0 0.17 324	319 38.6 0.18 332 38.6	45.1 0.15 337	51.7 0.03 35	55.8 btm 56.4
2,717	Dpth Vel H			0.15	0.14		0.18		0.10	58.2 btm

Table 103.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)Continued

		Ндд									
		Vel									
		Dpth									
		Hdg									
		Vel									
(feet)		Dpth									
bank		Hdg	266	295	35						
m left	2,919	Vel	0.05	0.08	0.41	otm					
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	24.6 btm					
Dista		Ндд	334	351	345	23	47				
	2,909	Vel	0.17	0.09	0.12	0.22	0.66	ctm			
		Dpth	5.7	12.3	18.9	25.4	32.0	38.0 btm			
		Hdg	333	323	322	319	326	356			
	2,873	Vel	0.19	0.11	0.15	0.12	0.14	0.12	btm		
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	51.5 b		

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		ндд	346	352	12	
	197	Vel	0.19	12.3 0.16 352	0.13	otm
		Dpth Vel	5.7	12.3	18.9	25.2 btm
		над	326	344	20	
	162	Vel	0.17	12.3 0.14	0.07	t m
(feet)	₩	Dpth Vel Hdg	5.7	12.3	18.9	24.4 btm
bank			335	7		
n left	126	Vel	5.7 0.11 335	0.07	tm	
Distance from left bank (feet)		Dpth Vel Hdg	5.7	12.3	20.3 btm	
Dista		Ндд	351	31		
	92	Vel	0.23	12.3 0.09 31	otm	
		Dpth Vel Hdg Dpth Vel	5.7	12.3	15.9 btm	
		Hdg	227			
	61	Vel	5.7 0.05 227	tm		
		Dpth	5.7	10.2 btm		

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	233			256			291		-	327			364	
Dpth	Dpth Vel	Ндд	Dpth Vel	Vel	НФд		Dpth vel	Ндд	Dpth	Vel	над	Dpth	Vel	Над
								٠						
5.7	0.15		5.7	0.18	264	5.7	0.10	260	5.7	0.13	304	5.7	0.14	307
12.3	0.09	345	12.3	0.14 249	249	12.3	0.09	247	12.3	0.10	240	12.3	0.09	323
18.9 0.	0.07		18.9 0.	0.13	227	18.9	18.9 0.11	247	18.9	18.9 0.05 225	225	18.9	0.10	330
25.4	btm		25.4	btm		25.4	btm		25.5	btm		25.4	0.07	267
												25.9	btm	

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

					Dist	Distance from left bank (feet)	»m left	bank	(feet)					
	388			424			461		7	486			524	
Dpth Vel	Vel	Hdg	Dpth	Vel	Hdg	Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Над
5.7	0.15		5.7		345	5.7	0.13		5.7	0.11		5.7	0.07	294
12.3	0.07	341	12.3	0.05	100	12.3	0.06	263	12.3	0.11	256	12.3	0.12	227
18.9	0.07		18.9		63	18.9	0.05		18.9	0.13		18.9	0.12	240
25.4	90.0		25.4		104	25.4	0.04		25.4	0.04		25.4	90.0	233
26.3	btm		26.8	btm		29.5	btm			btm		32.0	0.12	130
												40.6	btm	

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

587 Vel	587 th Vel
	Ŭ
	0
	0
	0
	0
0	0.09
	btm

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

		над	324	305	304	277	12	46	10	
	847	Vel	0.10	0.07	0.17	0.07	90.0	0.11	0.09	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	49.4
		Над	344	313	321	352	53	46	26	
	822	Vel	0.10	0.07	0.10	0.14	0.13	0.18	0.15	btm
(feet)	~	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.3
bank		Hdg	287	265	260	195	286	331	322	
m left	783	Vel	0.10	0.08	0.10	0.02	0.03	0.05	0.04	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.8
Dista		Ндд	295	284	248	78	63	243	0	
	746	Vel	0.08	0.12	0.08	0.02	0.16	0.01	00.0	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.6
		Hdg	290	282	266	74	204	210	258	
	722	Vel	0.14	0.12	90.0	0.04	0.10	0.18	0.03	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.2 1

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

		нфд	255	320	298	217	148	154	183	111	135	141	53	
	1,013	Vel	0.09	0.09	0.12	0.07	0.16	0.13	0.19	0.11	0.24	0.14	0.02	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	76.2 k
		Нфд	20	57	78	162	120	84	124	91	52			
	987	Vel	0.19	0.14	0.05	0.05	0.07	0.20	0.18	0.28	0.23	btm		
(feet)	0,	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	67.2		
bank		Нфд	63	90	152	132	138	169	157	105	136	112		
m left	947	Vel	0.16	0.09	0.21	0.25	0.34	0.48	0.40	0.29	0.16	0.16	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	72.0 1	
Dista		Hdg	321	304	282	286	231	230	244	198				
	922	Vel	0.18	0.16	0.16	0.18	0.18	0.10	0.14	0.19	btm			
		Dpth	5.7	12.3		25.4	32.0		45.1		64.2			
		НФВ	322	270	259	222	180	122	63					
	884	Vel	0.04	0.07	0.07	90.0	0.05	90.0	0.07	btm				
		Dpth	5.7	12.3	18.9	25.4	•	38.6	45.1	57.1 B				

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,055			1,082			1,107		<b>,-1</b>	1,146			1,184	
Dpth	Vel	Hdg	Dpth	Vel	над	Dpth	vel	Нфд	Dpth	Vel	Ндд	Dpth	Vel	Hdg
5.7	0.13	339	5.7	0.49	59	5.7	0.36	270	5.7	0.17	316	5.7	0.30	271
12.3	0.14	338	12.3	0.58	70	12.3	0.41	239	12.3	0.13	265	12.3	0.30	254
18.9	0.13	275	18.9	0.52	59	18.9	0.45	237	18.9	0.05	315	18.9	0.22	235
25.4	0.08		25.4	0.49	69	25.4	0.28	243	25.4	0.10	313	25.4	0.27	242
32.0	0.05		32.0	0.38	92	32.0	0.26	221	32.0	0.09	328	32.0	0.21	226
38.6	90.0		38.6	0.51	78	38.6	0.34	233	38.6	0.14	281	38.6	0.09	252
45.1	0.07	30	45.1	0.50	83	45.1	0.30	231	45.1	0.22	255	45.1	90.0	186
51.7	0.10	106	Н	0.77	85	51.7	0.35	227	51.7	0.05	323	51.7	0.08	204
58.2	0.14		58.2	0.78	81	58.2	0.30	197	58.2	0.09	85	58.2	0.07	249
64.8	0.28		63.6	btm		64.8	0.26	178	64.8	0.15	105	64.8	0.05	7
71.4	0.05					75.2	btm		71.4	0.12	71	71.4	0.10	262
76.5	btm								77.3 1	btm		77.2	btm	

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

					Dist	Distance from left bank (feet)	xm left	bank	(feet)					
	1,212			1,238			1,281			1,307			1,336	
Dpth	Vel	Над	Dpth	Vel	НФд	Dpth	Vel	Над	Dpth	Vel	над	Dpth	Vel	Hdg
5.7	ω.	54	5.7	0.25	307	5.7	0.52		5.7		282	5.7	0.21	24
12.3	0.35	73	12.3	0.22	274	12.3	0.53	347	12.3	0.22	273	12.3	0.14	56
18.9	2.	78	18.9	0.23	263	18.9	•	343	18.9	•	268	18.9	0.14	24
25.4	2	89	Ŋ		275	25.4	0.51	349	25.4	•	259	25.4	0.25	18
32.0	•	81	32.0	0.13	348	32.0	0.35	350	32.0	0.24	254	32.0	0.37	45
38.6	0.41	69	ω	•	284	38.6	0.36		38.6	0.32	277	38.6	0.34	48
45.1	0.32	95	Ŋ	0.06	170	45.1	•	356	45.1	•	253	45.1	0.10	90
∹	0.47	88	Н	0.12	165	51.7	0.31		51.7	0.31	262	51.7	0.20	104
58.2	0.77	75	ω	0.19	194	58.2	0.22	11	58.2	0.16	218	58.2	0.37	91
64.8	0.73	83	4	0.16	112	64.8	0.34	22	64.8	0.23	157	64.8	0.50	70
71.4	0.44	9/	71.4	0.07	112	71.4	0.20	80	71.4	0.17	151	71.4	0.41	70
76.8	btm		7	btm		78.3	btm		80.5	btm		77.9	0.22	70
													btm	

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

	1,512	Vel Hdg		0.16 350	0.16	0.16 0.13 0.06	0.16 0.13 0.06	0.16 0.13 0.06 0.09	0.16 0.13 0.06 0.09 0.07	0.16 0.06 0.09 0.07 0.10	0.16 0.09 0.09 0.10 0.13	0.16 0.09 0.00 0.00 0.10 0.13	0.16 0.09 0.09 0.00 0.10 0.13	0.13 0.09 0.00 0.10 0.13 0.13	0.16 0.09 0.00 0.10 0.13 0.13 0.13	0.16 0.09 0.00 0.00 0.10 0.13 0.13
		Dpth		5.7	5.7	5.7 12.3 18.9	5.7 12.3 18.9 25.4	5.7 12.3 18.9 25.4 32.0	5.7 12.3 18.9 25.4 32.0	5.7 12.3 18.9 25.4 32.0 38.6	5.7 12.3 18.9 25.4 32.0 38.6 51.7	5.7 12.3 18.9 25.4 32.0 38.6 45.1 51.7	5.7 12.3 18.9 25.4 32.0 38.6 45.1 51.7	5.7 12.3 18.9 25.4 25.4 4.5.1 58.2 7.1.7 7.1.7	5.7 12.3 18.9 25.4 32.0 38.6 51.7 51.7 7.17	5.7 118.9 118.9 38.0 38.6 51.7 77.9 64.8
		Hdg		315	315	315 306 304	315 306 304 292	315 306 304 292 298	315 306 304 292 298 325	315 306 304 292 292 325	315 306 304 292 292 325 319	315 306 304 292 298 325 319	315 306 304 292 298 329 319 0	315 306 304 292 292 329 329 329 9	315 306 306 292 292 293 329 329 10 17	315 306 304 292 292 293 329 329 10 17
	1,471	Vel		0.30	0.30	0.30 0.25 0.25	0.30 0.25 0.25	0.30 0.25 0.25 0.25	0.30 0.25 0.25 0.27 0.27	0.30 0.25 0.25 0.27 0.25 0.25	0.30 0.25 0.25 0.27 0.25 0.25	0.30 0.25 0.25 0.25 0.25 0.18	0.30 0.25 0.25 0.27 0.27 0.18 0.118	0.30 0.25 0.25 0.27 0.25 0.18 0.118 0.13	0.30 0.25 0.25 0.25 0.25 0.18 0.118 0.13	0.30 0.25 0.25 0.27 0.27 0.18 0.18 0.118 0.13
(feet)		Dpth		5.7	5.7	5.7 12.3 18.9	5.7 12.3 18.9 25.4	5.7 12.3 18.9 25.4	12.3 18.3 25.4 38.0 38.0	2.21 1.82.3 2.25.4 3.20.0 1.64	5.7 1.8 1.8 1.8 3.2 5.0 1.0 5.1 7.1 7.1	5.7 118.3 128.3 32.0 4.3 6.1 7.1 7.1 7.1 7.1 7.1 7.1	5.7 118.9 128.9 3.25.4 4.55.0 51.7 7.11.7 8.8	5.7 112.3 12.2 13.2 13.3 14.5 15.1 17.1 17.1 17.1 17.1 17.1 17.1 17	5.7 12.3 18.9 25.4 25.4 38.0 38.0 51.7 71.7 74.8	5 1 1 2 2 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
bank		Hdg		299	299 294	299 294 274	299 294 274 310	299 294 274 310	299 294 274 310 312	299 294 274 310 312 317	299 294 274 310 312 307 338	299 294 274 310 312 333 333	299 274 310 317 333 330 330 330	299 274 310 317 330 333 355	299 294 310 312 317 317 330 330 355	299 2744 310 310 330 333 355
m left	1,444	Vel		0:30	0.30	0.30 0.26 0.34	0.30 0.26 0.34 0.27	0.30 0.26 0.34 0.27	0.30 0.26 0.34 0.27 0.23	0.30 0.26 0.34 0.23 0.23	0.36 0.26 0.27 0.23 0.23	0.30 0.26 0.27 0.23 0.223 0.200	0.30 0.34 0.23 0.22 0.22 0.20 0.20	0.30 0.34 0.23 0.23 0.22 0.20 0.20 0.10	0.30 0.22 0.23 0.22 0.22 0.02 0.10 0.13	0.30 0.26 0.34 0.27 0.23 0.22 0.20 0.20 0.20 0.10
Distance from left bank (feet)		Dpth		5.7	5.7	5.7 12.3 18.9	5.7 12.3 18.9 25.4	5.7 12.3 18.9 25.4 32.0	5.7 12.3 18.9 25.4 32.0	5.7 12.3 18.9 25.4 32.0 38.6	5.7 12.3 18.9 25.4 32.0 38.6 45.1	5.7 12.3 18.9 25.4 32.0 38.6 45.1 51.7	5.7 12.3 18.9 25.4 32.0 38.6 51.7 51.7	5.7 12.3 18.9 25.4 32.0 38.6 45.1 51.7 71.4	5.7 12.3 18.9 25.4 32.0 38.6 45.1 58.2 71.4	
Dist		Hdg		245	245 232	245 232 215	245 232 215 222	245 232 215 222 224	245 232 215 222 242 242	245 232 215 222 224 231	245 232 215 222 224 242 231	245 232 232 222 224 231 231	245 232 215 222 224 242 231 224	245 232 215 222 224 231 224 187	245 232 222 222 224 231 224 187	245 232 232 222 224 231 224 187
	1,404	Vel		0.44	0.44											
		Dpth		5.7	5.7	5.7 12.3 18.9	5.7 12.3 18.9 25.4	5.7 12.3 18.9 25.4	5.7 12.3 18.9 25.4 32.0	12.3 18.9 25.4 32.0 38.6	5.7 112.3 118.9 32.4 38.6 51.1	5.7 118.3 118.9 25.4 32.0 38.6 51.7	5.7 118.9 125.4 32.0 38.6 45.1 51.7 64.8	12.3 12.3 12.3 25.4 32.0 38.6 45.1 71.7		
		Hdg		20	20	20 19 22	20 22 25 25	20 20 30 30 30 30 30	20 10 10 10 10 10 10 10 10 10 10 10 10 10	2	2	0 0 1 1 2 2 8 4 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 1 1 2 2 8 4 8 5 9 4 0 6 7 6 8 4 8 5 9 4	2	2	0 1 1 2 2 8 4 8 8 9 4 8 0 6 7 6 8 4 8 9 0 0 7 8
	1,378	Vel		•		ຕຸກ. ຕຸ	w w w w			m $m$ $m$ $m$ $m$ $m$ $m$		w w w w w w w 4.	www.w.g.w.w.4.rv	<u> </u>	<u> </u>	<u> </u>
		Dpth		5.7		5.7 12.3 18.9					5.7 12.3 18.9 25.4 32.0 38.6 51.1	5.7 12.3 12.3 25.4 32.0 38.6 51.7 58.2		2 1 1 2 2 1 1 2 2 2 1 1 2 2 2 2 2 2 2 2	L W Q 4 O O H L C 8 4 8	r.w.w.4.0.6.4.b.s.4.8

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

	1		, ,	Dista	Distance from left bank (feet)	m left	bank		(			,	
538 1,57	1,5/	1,5/	_			1, 604			1,643			1,669	
Hdg Dpth Vel	æ	Vel		ндд	Dpth	Vel	ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg
95 5.7	.7 0.3	က		300	5.7	0.32	318	5.7	0.35	303	5.7	0.31	299
288 12.3 0.	.3 0.	0.27		306	12.3	0.28	323	12.3	0.31	298	12.3	0.27	293
98 18.9 0.27	.9 0.27	.27		296	18.9	0.27	317	18.9	0.33	294	18.9	0.30	287
295 25.4 0.27	.4 0.27	.27		300	25.4	0.26	318	25.4	0.30	297	25.4	0.28	292
294 32.0 0.28	.0 0.28	.28		309	32.0	0.29	319	32.0	0.30	293	32.0	0.26	299
308 38.6 0.24	.6 0.24	.24		314	38.6	0.30	327	38.6	0.28	301	38.6	0.24	302
11 45.1 0.22	.1 0.22	.22		304	45.1	0.26	334	45.1	0.24	297	45.1	0.22	303
315 51	.7 0.	٠		312	51.7	0.26	333	51.7	0.20	302	51.7	0.19	306
9 300 58.2 0.20	.2 0.	•		337	58.2	0.23	342	58.2	0.19	305	58.2	0.12	311
06 64.8 0.13	.8 0.13	.13		323	64.8	0.11	Н	64.8	0.14	294	64.8	0.08	310
2 71.	.4 0.	•		337	71.4	0.15	20	71.4	0.11	302	71.4	0.06	10
08	.9 0.	•		330	77.9	0.12	17	77.9	0.04	292	77.9	0.03	45
81.9 btm	6	btm			81.2	btm		80.5	btm		80.1	btm	

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

		Hdg	300	297	293		295	298		306	308	305	308	294	
	1,829	Vel	0.43	0.40	0.37	•	0.36	0.38	0.35	0.31	0.29	0.28	0.25	0.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	81.2
		НФЗ	301	298	292	297	296	300	308	310	306	300	322	65	
	1,802	Vel	0.34	0.27	0.26	0.29	0.22	0.27	0.20	0.18	0.14	0.11	0.12	0.04	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	80.9
bank		НФЗ	316	307	307	311	311	320	326	341	342	340	7	59	
m left	1,763	Vel	0:30	0.26	0.26	0.24	0.26	0.26	0.25	0.19	0.18	0.15	0.13	0.16	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	80.3
Dista		Hdg	315	310	306	307	313	318	330	339	341	341	321	53	
	1,736	Vel	0.32	0.27	0.28	0.28	0.26	0.24	0.23	0.18	0.19	0.15	0.13	0.18	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	79.9
		ндд	307	306	305	304	310	309	311	315	311	326	352	355	
	1,709	vel	0.36	0.32	0.34	0.31	0.32	0.28	0.24	0.19	0.19	0.15	0.08	0.08	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	79.6 F

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,869		ļ	1,895			1,935			1,962			2,000	
Dpth	Vel	НФд	Dpth	Vel	Нфд	Dpth	Vel	ндд	Dpth	Vel	Нфд	Dpth	Vel	Над
5.7	•	306	5.7	0.46	309	5.7	0.46	310	5.7	0.38	306	5.7	0.41	306
12.3	0.27	302	12.3	0.35	306	12.3	0.39	303	12.3	0.36	302	12.3	0.34	300
18.9	•	294	18.9	0.36	303	18.9	0.39	301	18.9	0.34	304	18.9	0.32	304
5.	•	296		0.37	301	25.4	0.36	301	25.4	0.30	308	25.4	0.31	304
		298	32.0	0.35	305	32.0	0.33	303	32.0	0.25	309	32.0	0.26	305
		304	ω	0.32	305	38.6	0.31	306	38.6	0.25	324	38.6	4	311
	•	310	45.1	0.32	314	45.1	0.27	317	45.1	0.22	317	45.1	0.21	312
Н	•	315	Н	0.29	317	51.7	0.25	320	51.7	0.20	322	51.7	0.17	311
•	•	325	$\infty$	0.26	321	58.2	0.23	322	58.2	0.22	337	58.2	0.20	323
	•	327	64.8	0.28	313	64.8	0.22	331	64.8	0.30	320	65.0	btm	
•	0.14	327	71.4	0.20	336	74.2	btm		70.1	btm				
•	0.08	353	78.1	btm										
80.2	btm													

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Ppth         Vel         Hdg         <					Dista	Distance from left bank (feet)	m left	bank	(feet)					
Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel	ا م.			2,064			2,090			2,129			2,168	
5.7 0.39 310 5.7 0.36 310 5.7 0.38 312 5.7 0.36 12.3 0.36 12.3 0.31 18.9 0.32 304 18.9 0.32 304 18.9 0.32 304 18.9 0.32 304 18.9 0.32 304 18.9 0.32 304 18.9 0.32 304 32.0 0.24 32.0 0.28 318 32.0 0.17 305 32.0 0.23 306 32.0 0.24 32.0 0.27 318 38.6 0.17 303 38.6 0.20 304 38.6 0.16 45.1 0.17 315 45.1 0.13 55.2 0.04 323 59.2 btm 58.8 btm 58.8 btm 56.4 btm		над	Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	ндд
5.7 0.39 310 5.7 0.36 310 5.7 0.38 312 5.7 0.36 12.3 0.31 18.9 0.35 307 12.3 0.36 306 12.3 0.31 18.9 0.32 312 18.9 0.28 305 18.9 0.32 304 18.9 0.32 25.4 0.23 315 25.4 0.23 307 25.4 0.27 311 25.4 0.24 32.0 0.28 318 32.0 0.17 305 32.0 0.23 306 32.0 0.24 35.6 0.27 318 45.1 0.15 297 45.1 0.17 315 45.1 0.13 55.1 0.13 55.2 0.04 323 59.2 btm 58.8 btm 56.4 btm	1													
302 12.3 0.36 307 12.3 0.33 307 12.3 0.36 306 12.3 0.31 304 18.9 0.33 312 18.9 0.28 305 18.9 0.32 304 18.9 0.32 307 25.4 0.32 315 25.4 0.23 307 25.4 0.27 311 25.4 0.24 309 32.0 0.28 318 32.0 0.17 305 32.0 0.23 306 32.0 0.24 311 45.1 0.27 318 45.1 0.15 297 45.1 0.17 315 45.1 0.13 327 51.7 0.14 337 51.7 0.10 7 51.7 0.12 315 51.7 0.10 58.2 0.04 323 59.2 btm 58.8 btm 56.4 btm			5.7	0.39	310	5.7	0.36	310	5.7	0.38	312	5.7	0.36	313
304 18.9 0.33 312 18.9 0.28 305 18.9 0.32 304 18.9 0.32 307 3307 25.4 0.27 311 25.4 0.24 329 32.0 0.28 318 32.0 0.17 305 32.0 0.23 306 32.0 0.24 311 38.6 0.27 318 38.6 0.17 303 38.6 0.20 304 38.6 0.16 311 45.1 0.27 318 45.1 0.15 297 45.1 0.17 315 45.1 0.13 327 51.7 0.14 337 51.7 0.10 7 51.7 0.12 315 51.7 0.10 59.1 btm 59.1 btm			12.3	0.36	307	12.3	0.33	307	12.3	0.36	306	12.3	0.31	312
307 25.4 0.32 315 25.4 0.23 307 25.4 0.27 311 25.4 0.24 309 32.0 0.28 318 32.0 0.17 305 32.0 0.23 306 32.0 0.24 311 38.6 0.27 318 45.1 0.15 297 45.1 0.17 315 45.1 0.13 327 51.7 0.14 337 51.7 0.10 7 51.7 0.12 315 51.7 0.10 58.2 0.04 323 59.2 btm 58.8 btm 56.4 btm	_		18.9	0.33	312	18.9	0.28	305	18.9	0.32	304	18.9	0.32	315
309 32.0 0.28 318 32.0 0.17 305 32.0 0.23 306 32.0 0.24 311 38.6 0.27 318 38.6 0.17 303 38.6 0.20 304 38.6 0.16 311 45.1 0.27 318 45.1 0.15 297 45.1 0.17 315 45.1 0.13 327 51.7 0.14 337 51.7 0.10 7 51.7 0.12 315 51.7 0.10 58.2 0.04 323 59.2 btm 58.8 btm 56.4 btm	10		25.4	0.32	315	25.4	0.23	307	25.4	0.27	311	25.4	0.24	318
311 38.6 0.27 318 38.6 0.17 303 38.6 0.20 304 38.6 0.16 311 45.1 0.27 318 45.1 0.15 297 45.1 0.17 315 45.1 0.13 327 51.7 0.14 337 51.7 0.10 7 51.7 0.12 315 51.7 0.10 58.2 0.04 323 59.2 btm 58.8 btm 56.4 btm 59.1 btm	m		32.0	0.28	318	32.0	0.17	305	32.0	0.23	306	32.0	0.24	316
311 45.1 0.27 318 45.1 0.15 297 45.1 0.17 315 45.1 0.13 327 51.7 0.14 337 51.7 0.10 7 51.7 0.12 315 51.7 0.10 58.2 0.04 323 59.2 btm 58.8 btm 58.8 btm 59.1 btm	10		38.6	0.27		38.6	0.17	303	38.6	0.20	304	38.6	0.16	317
327 51.7 0.14 337 51.7 0.10 7 51.7 0.12 315 51.7 0.10 58.2 0.04 323 59.2 btm 58.8 btm 56.4 btm 59.1 btm	10			0.27		45.1	0.15	297		0.17	315	45.1	0.13	327
0.04 323 59.2 btm 58.8 btm 56.4 btm	$\overline{}$		51.7	0.14		51.7	0.10	7	$\vdash$		315	51.7	0.10	350
			58.2	0.04	323	9.2	btm			btm			btm	
				btm										

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	2,193			2,232			2,257			2,296			2,322	
Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg
5.7	0.37	319	5.7	0.33	317	5.7	0.44	311	5.7	0.30	315	5.7	0.36	315
12.3	0.36	315	12.3	0.33	312	12.3	0.38	301	12.3	0.26	317	12.3	0.33	318
18.9	0.34	314	18.9	0.29	313	18.9	0.31	303	18.9	0.22	325	18.9	0.30	320
25.4	0.26	311	25.4	0.24	315	25.4	0.26	305	25.4	0.18	332	25.4	0.27	323
32.0	0.22	319	32.0	0.22	311	32.0	0.24	308	32.0	0.14	334	32.0	0.19	322
38.6	0.21	323	38.6	0.20	322	38.6	0.22	304	38.6	0.10	340	38.6	0.14	329
45.1	0.16	352	45.1	0.11	343	45.1	0.17	297	45.1	0.10	352	45.1	0.16	337
51.7	0.12	352	51.7	0.03	305	51.7	0.07	309	51.7	0.05	89	51.7	0.04	28
54.7	btm		7.	btm		54.1	btm		54.2	btm		54.3 1	btm	

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	2,360			2,385			2,423		-	2,461		-	2,486	
Dpth	Vel	НФд	Dpth	vel	Нфд	Dpth	Vel	нда	Dpth	Vel	над	Dpth	Vel	Нфд
5.7	0.34	312	5.7	0.33	301	5.7	0.40	304	5.7	0.45	301	5.7	0.41	299
12.3	0.29	321	12.3	0.29	305	12.3	0.33	306	12.3	0.37	303	12.3	0.34	296
18.9	0.25	324	18.9	0:30	306	18.9	0.33	312	18.9	0.35		18.9	0.30	301
25.4	0.21	335	25.4	0.25	304	25.4	0:30	314	25.4	0.33		25.4	0.27	308
32.0	0.20		32.0	0.21	311	32.0	0.26	313	32.0	0.30		32.0	0.24	323
38.6	0.15	321	38.6	0.17	310	38.6	0.18	315	38.6	0.24		38.6	0.20	323
45.1	0.12	348	45.1	0.14	316	45.1	0.17	330	45.1	0.19		45.1	0.12	347
51.7	0.07	46	51.7	0.02	338	51.7	0.04	333	51.7	0.04		51.7	0.04	164
54.6	btm		55.0	btm		55.1	btm		54.8	btm		54.7	btm	

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

		Hdg					328		0	42	
	2,652	Vel	0.36	0.32	0.27	0.26	0.20	0.15	0.10	0.07	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	53.7
		Hdg			297	304	302	303	323	175	
	2,626	Vel	0.39	0.32	0.27	0.22	0.18	0.11	0.12	0.04	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	54.7
bank		Ндд	300	304	308	318	320	323	331	18	
m left	2,589	Vel	0.41	0.36	0.33	0.28	0.27	0.20	0.17	0.02	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	55.0
Dist		Hdg	310	311	318	319		333	344	7	
	2,551	Vel	0.42	0.37	0.35	0.34	0.32	0.25	0.25	0.05	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	55.0
		Hdg	304	306	317	326	323	337	344	42	
	2,525	Vel	0.39	0.37	0.31	0:30	0.27	0.25	0.21	90.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	54.8 F

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

		Hdg	307	305	310	315	323	319	308		
	2,816	Vel	0.40	0.34	0.32	0.26	0.36	0.32	0.24	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.3	
		Hdg	306	311	320	308	315	317	328	29	
	2,791	Vel	0.35	0.34	0.34	0.26	0.16	0.21	0.11	0.27	btm
(feet)	2	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	55.2 1
bank		Hdg	310	313	311	309	315	298	31		
m left	2,752	Vel	0.32	0.26	0.28	0.24	0.19	0.13	0.05	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	53.3 1	
Dista		Hdg	306	304	310	316	323	337	12		
	2,714	Vel	0.40	0.36	0.34	0.28	0.20	0.17	0.08	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	49.9	
		Hdg	299	297	301	302	310	307	307		
	2,689	Vel	0.41	0.40	0.32	0.29	0.22	0.13	0.05	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1		

Table 104.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)Continued

	Vel Hdg					
	Dpth					
	Нфд					
	Vel					
(feet)	Hdg Dpth					
bank	НФд					
om left	Vel					
Distance from left bank (feet)	Dpth					
Dista	Нфд	310	331			
2,875	Vel	0.28	0.25 331	otm		
	Dpth	5.7	12.3 0.	17.5		
	Нфд		328			
2,853		0.27	0.23	0.33	0.80	btm
	Dpth		12.3			

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

	1	НФЭ	323 331 307
	185	Vel	0.24 3 0.20 3 0.04 3 btm
	ñ	Dpth	5.7 12.3 18.9 23.9 bt
		Ндд	342 343 351
	160	Vel	0.23 0.25 0.05 Em
(feet)	Ĥ.	Dpth	5.7 0.23 3 12.3 0.25 3 18.9 0.05 3 22.9 btm
bank		Над	346 13
1eft	123		0.25 0.14 tm
Distance from left bank (feet)		Dpth Vel	5.7 0.25 12.3 0.14 18.6 btm
Dista		ндд	309
	89	Vel	.7 0.20 309 .3 0.08 200 .5 btm
		Dpth	5.7 0 12.3 0 14.5 btm
		Hdg	282
	61	Vel	5.7 0.04 282 7.2 btm
		Dpth Vel Hdg	5.7 0 7.2 btm

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	224		j	261			286		•	322			357	
Dpth Vel	Vel	Hdg	Dpth	Vel	ндд	Dpth	vel	ндд	Dpth	Vel	Ндд	Dpth	Vel	ндд
5.7	0.23	341	5.7	0.24 320	320	5.7	0.19	316	5.7	5.7 0.11	307	5.7	0.19	
12.3	0.22		12.3	0.17	336	12.3	0.20	328	12.3	0.11	323	12.3	0.18	307
18.9 0.	0.09	0	18.9	0.11	321	18.9	18.9 0.12	321	18.9	0.01	341	18.9	0.07	
24.2	btm		24.4	.4 btm		24.5 btm	btm		24.5 btm	btm		24.7 btm	btm	

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)-Continued

		над	307	329	351	26	34	
	515	Vel	0.15	0.13	0.02	0.03	0.16	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	
		Hdg	315	332	347	10		
	490	Vel	0.19	0.21	0.15	0.13	btm	
(feet)		Dpth		12.3				
bank		ндд	309	286	285	176		
m left	453	Vel	0.17	0.18	0.12	0.11	btm	
Distance from left bank (feet)		Dpth		12.3				
Dista		. Hdg		24				
	417	Vel	0.08	12.3 0.10	0.12	otm		
		Dpth	5.7	12.3	18.9	25.6 1		
		Над		316				
	392	Vel	0.16	12.3 0.12	0.04	btm		
		Dpth	5.7	12.3	18.9	25.2 1		

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)Continued

	Ндд		287	282	286	274	197	218	125	
619	Vel		0.13	0.10	90.0	0.05	0.08	0.12	0.11	btm
	Dpth		5.7	12.3	18.9	25.4	32.0	38.6	45.1	46.4
	Нфд		289	307	320	270	191	137		
54	Vel		0.12	0.07	0.05	0.03	0.04	90.0	ot m	
	Dpth		5.7	12.3	18.9	25.4	32.0	38.6		
	ндд		328	329	345	341	341	334		
616	Vel		0.27	0.17	0.05	0.15	0.17	0.12	tm	
	Dpth		5.7	12.3	18.9	25.4	32.0	38.6	44.1 b	
	ндд		316	330	344	336	325	323		
290	Vel		0.22	0.20	0.13	0.09	0.13	0.11	otm	
	Dpth		5.7	12.3	18.9	25.4	32.0	38.6		
	Hdg		310	316	339	335	349	∞		
552	Vel		0.16	0.13	0.07	0.07	0.05	0.04	tm	
	Dpth		5.7	12.3	18.9	25.4	32.0	38.6	41.7 b	
		Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Vel Hdg Dpth Vel	Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel	Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel 6310 5.7 0.22 316 5.7 0.27 328 5.7 0.12 289 5.7 0.13	Hdg Dpth Vel Hdg D	Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel 7 339 18.9 0.13 344 18.9 0.05 345 18.9 0.05 320 18.9 0.06	Hdg Dpth Vel Hdg D	Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Nel Hdg Dpth Vel Nel Hdg Dpth Vel Nel Hdg Dpth Vel Nel Hdg Dpth Vel Nel Nel Nel Nel Nel Nel Nel Nel Nel N	Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel         Hdg         Dpth         Vel           6 310         5.7         0.22         316         5.7         0.27         328         5.7         0.13         34         12.3         0.17         329         12.3         0.07         307         12.3         0.10           7 335         18.9         0.13         344         18.9         0.05         345         18.9         0.05         320         18.9         0.06           7 335         25.4         0.09         336         25.4         0.15         341         32.0         0.04         161         32.0         0.08           5 349         32.0         0.11         324	Hdg Dpth Vel Hdg Dpth Hdg Dpth Hdg Dpth Hdg Dpth Hdg Dpth Hdg Dpth Hdg Dpth Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Hd Dpth Hdg

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)Continued

		Hdg	311	320	318	348	340	350	348	
	842	Vel I		0.24						btm
	&	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.2 b
		Нфд	316	333	326	323	330	352	10	
	817	Vel	0.26	0.19	0.17	0.11	0.09	0.08	0.04	btm
(feet)	8	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.0 b
bank		Hdg	322	330	337	331	0	32	25	
n left	780	Vel	0.24	0.18	0.12	0.09	0.05	0.03	0.07	btm
Distance from left bank (feet)	-	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	
Dista		Над	322	324	326	333	328	353	349	
	742	Vel	0.29	0.26	0.16	0.15	0.09	0.12	0.12	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.5 b
		Над	309	291	287	255	189	188	06	
	717	Vel	0.17	0.16	0.11	0.04	0.04	0.02	0.01	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.2 b

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	880			206			946		- •	972			1,011	
Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.23	317	5.7	0.18	321	5.7	0.22	303	5.7	0.21	305	5.7	0.33	269
12.3	0.20	329	(A	O	327	12.3	0.20	335	12.3	0.23	320	12.3	0.26	275
18.9	0.16	345		0		18.9	0.13	339	18.9	0.14	295	18.9	0.19	283
25.4	0.12	345	L)	O		25.4	0.09	322	25.4	0.22	283	25.4	0.15	271
32.0	0.11	358	$^{\circ}$	0.05		32.0	0.07	318	32.0	0.12	293	32.0	0.16	261
38.6	0.09	14	38.6	0.05	06	38.6	0.01	161	38.6	0.11	297	38.6	0.13	267
45.1	0.10	48	2	0.01	104	45.1	0.01	75	45.1	0.13	65	45.1	0.07	255
53.3	btm		5.6	btm		51.7	0.01	14	51.7	0.05	56	51.7	0.07	221
						58.2	0.78	51	58.2	0.04	41	58.2	0.08	140
						64.8	0.76	48	64.8	0.08	51	64.8	0.10	168
						71.1	btm		71.4	0.09	30	71.4	0.11	228
									74.7	btm		74.5	btm	

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,038			1,077			1,103		, ,	1,144		,	1,171	
Dpth	Vel	над	Dpth	Vel	ррн	Dpth	Vel	НФЭ	Dpth	Vel	нфд	Dpth	Vel	Нфд
5.7	0.25	324	5.7	0.17	298	5.7	0.13	268	5.7	0.16	314	5.7	0.16	315
12.3	0.16	322	12.3	0.18	296	12.3	0.13	274	12.3	0.16	307	12.3	0.10	316
18.9	0.23	313	18.9	0.13	298	18.9	0.13	301	18.9	0.14	323	18.9	0.18	329
25.4	0.17	323	25.4	0.11	306	25.4	0.09	280	25.4	0.14	345	25.4	0.11	342
32.0	0.19			0.05	312	32.0	0.10	311	32.0	0.07	15	32.0	0.13	355
38.6			38.6	0.09	318	38.6	0.02		38.6	0.13	27	38.6	0.13	57
45.1	0.11	35		0.02	11	45.1	0.07	43	45.1	0.17	37	45.1	0.15	49
51.7	0.12	30		0.02	281	51.7	0.08		51.7	0.11	88	51.7	0.09	56
58.2	0.01	146	58.2	0.07	133	58.2	0.13	140	58.2	0.04		58.2		37
64.8	0.05	82	64.8	0.09	122	64.8	90.0	97	64.8	0.02	248	64.8	0.14	44
71.4	0.04	347	71.4	90.0	19	71.4	0.04	138	71.4	90.0	59	71.4	0.09	72
75.4	btm		ω.	btm		76.2 1	btm		76.5	btm		77.0	btm	

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,210			1,237			1,276		1	1,302			1,341	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.29	305	5.7	0.25	304	5.7	0.26	293	5.7	0.27	272	5.7	0.20	270
12.3	0.23	299	12.3	0.23	302	12.3	0.22	294	12.3	0.32	277	12.3	0.13	292
18.9	0.30	308	18.9	0.21	304	18.9	0.21	296	18.9	0.21	292	18.9	0.14	270
25.4	0.16	331	25.4	0.18	308	25.4	0.14	294	25.4	0.24	278	25.4	0.10	258
32.0	0.13	327	32.0	0.10	340	32.0	0.12	297	32.0	0.17	268	32.0	0.02	164
38.6	0.11	317	38.6	0.10	315	38.6	0.04	225	38.6	0.15	274	38.6	0.05	165
45.1	0.06	312	45.1	0.11	20	45.1	0.02	101	45.1	0.13	275	45.1	90.0	156
51.7	0.04	351	51.7	0.03	16	51.7	0.02	26	51.7	0.08	239	51.7	0.03	143
58.2	0.04	304	58.2	0.14	33	58.2	0.02	189	58.2	0.15	247	58.2	0.10	51
64.8	0.08	94	64.8	0.02	71	64.8	0.11	125	64.8	0.12	263	64.8	0.19	125
71.4	•	10	71.4	0.04	188	71.4	0.11	14	71.4	0.11	181	71.4	0.10	103
	btm			btm		77.9	0.09	15	77.9	0.08	226	77.9	0.10	137
						81.0	btm		81.8	btm		81.8	btm	

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)Continued

		Dista	Distance from left bank (feet)	m left	bank	(feet)					
	1,406			1,433			1,473			1,499	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Нфд
.7	0.30	276	5.7	0.26	304	5.7	0.27	295	5.7	0.23	300
ო	0.22	275	12.3	0.23	295	12.3	0.25	293	12.3	0.18	307
σ.	0.17	261	18.9	0.19	305	18.9	•	281	18.9	0.18	299
4.	0.16	257	25.4	0.11	301	25.4	0.15	302	25.4	0.14	309
0.	•	252	32.0	•	302	32.0	0.12	292	32.0	0.10	294
9.	0.17	230	38.6	0.07	307	38.6	0.10	280	38.6	0.04	333
ㄷ.	0.08	219	45.1	0.06	329	45.1	0.05	246	45.1	0.03	343
7.	0.10	189	51.7	0.13	32	51.7	90.0	09	51.7	•	42
7.	0.09	162	58.2	0.19	32	58.2	0.04	59	58.2	0.05	99
ω.	0.08	175	64.8	0.19	54	64.8	0.10	84	64.8	0.14	61
4.	0.05	168	71.4	0.23	65	71.4	0.16	20	71.4	0.17	99
77.9	0.05	227	77.9	0.04	17	77.9	0.03	39	77.9	0.05	98
.4 b	btm			btm		83.2	btm		82.9	btm	

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	1,538			1,564			1,604			1,630			1,670	
Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Ндд	Dpth	Vel	Нфд	Dpth	Vel	Hdg
5.7	0.24	297	5.7	•	285	5.7	0.28	311	5.7	•	284	5.7	0.29	307
12.3	0.22	296	12.3	•	289	12.3	0.23	300	12.3	0.25	279	12.3	0.25	307
18.9	0.16	299		0.27	287	18.9	0.19	303	18.9	•	281	18.9	0.25	302
	0.18	291	25.4	•	288	25.4	0.16	308	25.4	0.21	277	25.4	•	302
32.0	0.15	282		0.17	297	32.0	0.12	291	32.0	0.18	276	32.0	•	305
	0.07	295		0.16	280	38.6	0.12	309	38.6	0.18	273	38.6	0.13	312
2	0.04	274		•	275	45.1	0.04	335	45.1		263	45.1	0.11	319
51.7	0.01	56		0.07	275	51.7	0.04	14	51.7	0.07	241	51.7	0.05	351
58.2	0.05	18	58.2	0.02	270	58.2	90.0	26	58.2	0.03	233	58.2	0.08	56
64.8	90.0	78		0.02	81	64.8	0.08	41	64.8	0.02	81	64.8	0.08	39
71.4	0.10	39	71.4	0.12	46	71.4	0.21	48	71.4	0.07	0	71.4	0.15	21
77.9	0.03	348	•	0.09	286	77.9	0.10	325	77.9	0.09	274	77.9	0.12	353
82.5	btm		ھ	btm		81.0 1	btm		80.2	btm		79.6	btm	

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	1,696			1,736			1,763			1,802			1,828	
Dpth	Vel	Hdg	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7		303	5.7	0.29	310	5.7	0.35		5.7	0.38	300	5.7	0.36	302
12.3	0.38	297	12.3	0.24	307	12.3	0.32	308	12.3	0.30	301	12.3	0.32	296
ω.	•	291	18.9	0.21	307	18,9	0.25		18.9	0.30	299	18.9	0.30	292
5.	•	294	25.4	0.18	308	25.4	0.22	287	25.4	0.24	296	25.4	0.26	289
32.0		289		0.13	300	32.0	•	285	32.0	0.20	293	32.0	•	286
ω.		302		0.06	305	38.6	0.15	287	38.6	•	293	38.6	0.18	271
5		289	45.1	0.02	26	45.1	0.08	249	45.1	•	294	45.1	•	250
H	•	287		0.02	66	51.7	0.08	252	51.7	0.03	341	51.7	0.04	235
58.2		283	58.2	0.09	77	58.2	0.05	230	58.2	0.04	19	58.2	0.01	180
4	0.08	331		0.09	77	64.8	0.05	107	64.8	0.09	46	64.8	0.01	123
H	0.11	343	71.4	0.13	59	•	0.08	46	71.4	0.11	42	71.4	0.12	45
7.	0.12	324	α.	btm		77.9	0.07	35	77.9	0.09	31	77.9	0.03	318
79.1 F	btm					79.6	btm		80.1	btm		٠.	btm	

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)-Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	1,868			1,895			1,935		, ,	1,961			2,000	!
Dpth	Vel	ндд	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Нфд
	•	306	5.7	•	301	5.7	0.38	311	5.7	0.42	309	5.7	0.31	306
12.3	0.39	308	12.3	0.37	304	12.3	0.32	305	12.3	0.40	304	12.3	0.29	306
•	•	308	18.9	0.31	296	18.9	0.27	311	18.9	•	308	18.9	0.23	308
•	•	302	ß	0.31	297	25.4	0.23	312	25.4	0.33	308	25.4	0.16	310
32.0	•	298	32.0	0.26	292	32.0	0.22	311	32.0	0.26	315	32.0	0.14	302
•	•	296		0.15	286	ω	0.15	306	38.6	0.19	310	38.6	0.11	295
•	•	307	S	•	295	45.1	0.08	321	45.1	0.12	310	45.1	0.05	300
•	•	326	1	90.0	297	51.7	0.03	16		0.07	347	H	90.0	32
•	•	315		0.08	301	58.2	0.06	29	58.2	0.11	∞		0.16	12
•	•	351	4	0.03	318	4.	0.09	33	•	0.14	11	68.5	btm	
•	0.07	23	71.4	0.11	ო	71.4	0.08	20	72.9	btm				
•	0.15	340	6.8	btm		76.3	btm							
80.2	btm													

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)Continued

	1	Hdg	299	299	294	297	297	295	304	346	
	2,154	Vel	0.43	0.32	0.34	0:30	0.27	0.19	0.17	0.07	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	57.5
		Hdg	304	302	302	300	298	297	294	327	
	2,129	Vel	0.41	0.37	0.34	0.29	0.28	0.19	0.14	0.07	btm
(feet)	7	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.3 b
bank		Hdg	311	317	305	311	307	300	315	21	
n left	2,091	Vel	0.36	0.35	0.32	0.29	0.22	0.16	0.14	0.07	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2 b
Dista		Hdg	305	309	306	298	299	295	301	342	
	2,065	Vel	0.38	0.34	0.28	0.27	0.18	0.18	0.14	0.10	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	60.6 b
		Hdg	313	323	320	311	310	320	316	339	
	2,026	Vel	0.40	0.31	0:30	0.28	0.21	0.18	0.15	0.18	tm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	63.3 b

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	2,192			2,230			2,254		- •	2,291			2,316	
Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Нфд	Dpth	Vel	Над
.7	0.40	307	5.7	0.41	306	5.7	0.54		5.7	0.50		5.7	0.51	311
12.3	0.34	311	12.3	0.35	308	12.3	0.47		12.3	0.42		12.3	0.46	308
o,	0.31	310	18.9	0.34	304	18.9	0.41		18.9	0.36		18.9	0.40	311
25.4	0.24	317		0.29	309	25.4	0.35		25.4	0.32		25.4	0.32	307
0	0.21	306	•	0.22	310	32.0	0.28		32.0	0.26		32.0	0.24	309
9	0.14	318	38.6	0.15	302	38.6	0.23	297	38.6	0.26	300	38.6	0.19	316
45.1	0.12	327	•	0.11	349	45.1	0.15	299	45.1	0.17		45.1	0.21	340
51.7	0.08	357	•	0.13	325	52.6	btm		51.7	90.0	150	51.7	0.06	51
55.3 I	btm		ო.	btm					53.5	btm		53.5	btm	

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)-Continued

		Hdg	314	310	313	313	319	317	351	350	
	2,482	Vel	0.45	0.43	0.37	0.32	0.27	0.16	0.09	0.10	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	
		Hdg	312	309	311	303	302	296	303	194	
	2,457	Vel	0.41	0.36	0.34	0.29	0.25	0.21	0.08	0.03	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	54.0 }
bank		над	308	312	309	304	304	299	274	146	
m left	2,418	Vel	0.40	0.32	0.30	0.25	0.21	0.15	0.08	0.01	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	54.3 ]
Dista		Нфд	315	313	319	313	311	316	9	104	
	2,393	Vel	0.37	0.33	0.28	0.21	0.18	0.09	90.0	0.03	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	54.1
		Hdg	309	309	309	311	302	303	330	45	
	2,354	Vel	0.44	0.42	0.36	0.26	0.21	0.17	0.10	0.02	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	53.7 k

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)Continued

		Ндд	317	320	319	323	324	314	322	348	
	2,649	Vel	0.38	0.34	0.34	0.29	0.24	0.16	0.12	0.15	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	53.1
		ндд	325	325	322	323	332	330	0	20	
	2,623	Vel	0.26	0.28	0.24	0.18	0.16	0.08	0.05	0.07	btm
(feet)	6	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	53.7 k
bank		Нфд	313	313	322	323	318	317	319	352	
m left	2,585	Vel	0.38	0.39	0.34	0:30	0.22	0.17	0.11	0.07	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	54.0 k
Dista		Нфд	316	322	311	314	319	309	333	ω	
	2,547	Vel	0.39	0.40	0.31	0.27	0.19	0.11	0.11	0.07	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	54.0 1
		Ндд	320	321	323	323	320	309	355	41	
	2,521	Vel	0.39	0.36	0.33	0.28	0.21	0.13	0.09	0.07	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	

Table 105.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)Continued

	2,815	Dpth Vel Hdg	5.7 0.20 312	12.3 0.13 318		0.12	32.0 0.12 341	38.6 0.19 336	51.4 btm	
		Нфд		344			141		125	
	2,777	Vel	0.10	0.07	0.03	0.03	0.10	0.05	0.07	btm
(feet)	4	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	54.4 I
bank		Hdg	326	331	333	344	336	353	42	
m left	2,751	Vel	0.23	0.25	0.19	0.16	0.13	0.12	0.16	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.8 k
Dista		над	323	334	331	335	327	317	353	
	2,713	Vel	0.29	0.21	0.22	0.21	0.14	0.10	90.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.9 ]
		Нфд	328	333	334	330	348	12	ω	
	2, 687	Vel	0.20	0.20	0.19	0.17	0.13	90.0	0.07	otm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.1 b

Table 105,-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)Continued

	НФд	
	Vel	
	Dpth	
	Hdg	
	Vel	
(feet)	Dpth	
bank	Hdg	
m left	Vel	
Distance from left bank (feet)	Dpth	
Dista	НФЭ	311 332 46
2,873	Vel	0.13 311 0.06 332 0.25 46 btm
	Dpth	5.7 0. 12.3 0. 18.9 0. 27.0 btm
	НФЭ	313 313 328 322
2,853	Vel	0.18 0.12 0.11 0.15 btm
	Dpth	5.7 12.3 18.9 25.4 32.7 k

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	264	243	90	83	65	88	75	110	
	171	Vel	0.07	0.01	0.09	0.16	0.10	0.17	0.25	90.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	59.7
		Нфд	318	322	300	174	279	279			
	144	vel	0.24	0.13	0.08	0.07	0.02	0.02	btm		
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	52.2 1		
bank		НФд	286	258	293	33					
m left	106	Vel	0.11	0.05	0.08	0.35	btm				
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	38.7				
Dista		НФЗ	287	319							
ц	75	Vel	0.08	0.13	btm						
		th	5.7	12.3	19.4						
		НФд	185								
	47	Dpth Vel Hdg Dp	5.7 0.03 185	btm							
		Dpth	5.7	9.2							

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)Continued

		1 Hdg	0.21 298	0.20 286	13	16	.12 268	.20 292	.12 299			.18 13	0.17 43	
	322	Vel	7 0	.a	.0 6.	.4 0.	0	0 9.	1 0	.7 0	0	8	.4	1 btm
		Dpth	5.	12.	18.	25.	32.	38.	45.	51.	58.2	64.	71.	73.
		Hdg		318		333			331	325	352	336		
	309	Vel	0.27	0.24	0.27	0.24	0.24	0.33	0.33	0.24	0.25	0.18	btm	
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	
bank		Hdg	281	120	237	227	255	311	316	38	37	352	50	
m left	267	Vel	0.07	0.08	0.05	0.13	0.17	0.20	0.09	0.25	0.34	0.16	0.14	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	73.0
Dist		Hdg	358	22	13	28	119	307	346	78	339			
	239	Vel	0.10	0.07	0.11	0.18	0.14	0.04	0.06	0.18	0.03	btm		
		Dpth	5.7	12.3		•		38.6	•	•	•	68.5		
		Hdg	7	28	84	129	143	135	161	119				
	212	Vel	0.10	0.14	•	•	•	0.04	•	•	btm			
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	65.8			

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107,73 on March 25, 1992 (1421 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	390			427			454			482			514	
Dpth	Vel	ндд	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	над
5.7	•	17	5.7	0.18	348	5.7	0.34	თ	5.7	0.32		5.7	1.0	20
12.3	•	24		0.10	Ŋ	12.3	0.24		12.3	0.14		12.3	0.83	21
18.9	•	32	18.9	0.08	7	18.9	0.23		18.9	0.18		18.9	0.76	19
25.4	•	27	25.4	0.03	125	25.4	0.32		25.4	0.36		25.4	0.89	22
32.0	0.50	34	32.0	0.10	42	32.0	0.35		32.0	0.29		32.0	0.88	23
38.6	0.55	43	38.6	0.03	12	38.6	0.08	342	38.6	0.22	268	38.6	0.80	22
45.1	0.69	30		0.13	59	45.1	0.12		45.1	0.10		45.1	1.0	29
51.7	0.65	34	51.7	0.20	73	51.7	0.19		51.7	0.11		51.7	1.0	31
58.2	0.65	39	58.2	0.02	344	58.2	0.17	27	58.2	0.13		58.2	1.0	32
64.8	0.65	23	64.8	0.29	345	64.8	0.27		64.8	0.10		62.6	btm	
70.0	btm		۳.	btm		70.0	btm		71.4	0.08	295			
									73.2	btm				

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	567			584			613			655			683	
Dpth	Vel	нфд	Dpth	Vel	Нфд	Dpth	Vel	над	Dpth	Vel	Hdg	Dpth	Vel	над
5.7	0.31	Н	5.7	0.24	300	5.7	0.30	14	5.7	0.31	293	5.7	0.25	12
12.3	0.28	24	12.3	0.28	291	12.3	0.27	15	12.3	0:30	283	12.3	0.30	48
18.9	0.16	22	18.9	0.23	312	18.9	•	44	18.9	0.24	300	18.9	0.19	348
25.4	0.14	35	25.4	0.12	277	25.4	•	22	25.4	0.35	285	25.4	0.11	∞
32.0	0.16	15	32.0	0.18	268	32.0	0.52	30	32.0	0.38	277	32.0	0.13	338
38.6	0.19	32	38.6	90.0	266	38.6		21	38.6	0.55	259	38.6	0.22	28
45.1	0.19	S	45.1	0.12	292	45.1	0.25	က	45.1	0.53	244	45.1	0.12	53
51.7	0.21	36	51.7	0.32	303	51.7	0.08	27	51.7	0.34	240	51.7	0.29	49
58.2	0.27	27	58.2	0.24	295	66.5	btm		58.2	0.35	251	58.2	0.12	22
64.8	0.21	357	64.8	0.26	280				64.8	0.45	237	64.8	0.26	54
∞.	btm		69.9	btm					71.4	0.24	257	69.3	btm	
									73.1 }	btm				

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)-Continued

		Vel Hdg	0.20 280	0.17 256	0.14 245	0.19 258	15	0.13 255	0.10 230	0.09 211	0.06 243	0.03 45	0.01 180	æ
	843	Dpth Ve	5.7 0	12.3 0	6.	4.	0.	38.6	45.1 0.	51.7 0	58.2	64.8 0	71.4 0	75.4 btm
		Над	302	299	292	301	305	284	294	317	313	316	326	
	817	Vel	0.35	0:30	0.28	0.24	0.26	0.22	0.22	0.17	0.23	0.22	0.20	btm
(feet)	80	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	75.4 b
bank		Нфд	334	313	306	311	322	344	340	352	338	348	7	
m left	778	Vel	0.31	0.21	0.29	0.22	0.22	0.10	0.20	0.28	0.23	0.23	0.18	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	76.2 1
Dist		НЧЭ	293	308	273	300	307	319	304	318	352	17	354	
	751	Vel	0.17	0.13	0.27	0.21	0.20	0.15	0.10	0.16	0.16	0.22	0.10	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.1
		Над	293	335	344	23	331	28	47	270	167	15		
	711	Vel	0.15	0.17	0.10	0.07	0.10	0.17	0.05	0.04	0.05	0.07	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	72.8 F	

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)-Continued

				Dist	Distance from left bank (feet)	m left	bank	(feet)					
			907			947	3		973			1,013	
Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	над	Dpth	Vel	Hdg
20	286	5.7	0.18	299	5.7	0.25	304	5.7	0.24	287	5.7	0.24	306
16	280	12.3	0.13	265	12.3	0.20	294	12.3	0.21	287	12.3	0.20	304
19	280	18.9	0.12	263	18.9	0.20	295	18.9	0.16	278	18.9	0.18	295
17	277	25.4	0.12	276	25.4	0.19	293	25.4	0.17	281	25.4	0.17	301
13	274	32.0	0.10	243	32.0	0.18		32.0	0.15	286	32.0	0.18	306
13	275	38.6	0.10	243	38.6	_		38.6	0.13	281	38.6	0.10	308
0.15	296	45.1	0.07	226	45.1	0.14		45.1	0.13	274	45.1	0.11	293
11	293	51.7	0.05	210	51.7	0.12	299	51.7	0.11	271	51.7	0.08	287
0.8	288	58.2	0.03	330	58.2	0.08	319	58.2	0.14	285	58.2	0.08	306
11	351	64.8	0.04	37	64.8	0.12	319	64.8	0.07	303	64.8	0.04	340
08	334	71.4	90.0	116	71.4	0.10	13	71.4	0.07	20	71.4	90.0	26
		74.1	btm		74.6	btm		75.5	btm		76.5	btm	

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)Continued

					Dist	Distance fro	from left bank (feet)	bank	(feet)					
	1,039			1,079		1	1,105			1,146			1,173	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд	Dpth	Vel	Hdg
5.7	0.23	305	5.7	0.23	299	5.7	0.30	295	5.7	0.32	ത	5.7	0.24	313
12.3		286	12.3	0.17	296	12.3	0.19	296	12.3	٠	280	12.3	0.20	310
	0.16	289	18.9	0.13	284		0.19	285	18.9	0.23	278		0.19	295
	0.16	293	5.	0.14	271		0.17	258	25.4	0.23	265		0.18	300
32.0	0.15	299	32.0	0.12	277	32.0	0.16	274	•	0.20	265	•	0.15	303
	٥.	284	ω.	0.10	260	ω.	0.16	279	38.6	0.16	268	œ.	0.15	292
5.	٥.	281	ъ.	0.11	261	ъ.	0.14	291	45.1	0.12	266	45.1	0.12	295
;	0.	263	ä	0.09	272	H.	0.14	287	۲,	0.14	272	51.7	0.12	302
	0.05	278	58.2	0.09	290	58.2	0.13	285	58.2	0.14	264	58.2	0.14	307
4.	90.0	276	4.	0.03	286	64.8	0.09	309	•	0.11	7	64.8	0.08	299
71.4		70	71.4	0.04	29	71.4	0.03	299	H.	0.08	289	71.4	0.08	330
77.8	btm		79.3	btm		80.9	btm		82.4	btm		•	0.10	ო
												84.4	btm	

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)Continued

1,500	Dpth Vel Hdg	0,000	0.1 0.42 69	. e.	5.4 0.28 29	2.0 0.29 29	8.6 0.28 29	.1 0.26 29	1.7 0.20 28	8.2 0.19 29	4.8 0.17 30	0.16 31	0.11 31	.5 0.15 32	0.08 1	92.2 btm
	Hdg		η σ	290	တ	σ	ത	ത	O	σ	σ	σ	œ	0		
1,473	Vel	r	0.00	. m	0.30	0.31	.2	.2	0.21	۲.	0.19	۲.	۲.	0.10	btm	
_	Dpth	n L		18.9		32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	84.5	92.0 1	
Dalik	Нфд	_ c	<i>v</i> ⊂	305	0	ω	ω	7	ω	0	4	7	ω	71		
n left 1,432	Vel	c		. 2	0.19	Н.	Н.	۲.	0.10	0.08	0.03	0.04	0.04	0.08	btm	
Distance from left bank (feet) 1,432	Dpth	n L	10.7	18.9	25.4		38.6	45.1	51.7	58.2	64.8	71.4	77.9	84.5	91.5 k	
U1 ST S	Hdg	0	ο α	283	ω	6	ω	0	0	7	286	7	ω	7		
1,405	Vel	C	20.0		ς.	٠	ζ.	•	۲.	Н.	0.14		0.13	0.10	btm	
	Dpth	n L	•	18.9			•	•			•	•	•	•	. 7	
	Нфд	200	# OC 8	300	301	313	323	308	304	317	289	300	310	351		
1,365	Vel	C	. c	0.23	.2		۲.		۲.	τ.		۲.	•		btm	
	Dpth		•	18.9	•	•	•	•	•		•	•				

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)-Continued

1,539 Dpth Vel Hdg												
vel		1,566			1,605		, 1	1, 630			1,669	
	g Dpth	Vel	над	Dpth	vel	ррн	Dpth	vel	над	Dpth	Vel	над
7 0.37 2		4.	296	5.7	ω.	6	5.7	4.	274	•	ς.	273
0.32 2	12.	0.28	284	2		ω	12.3	0.37	271	12.3	0.29	267
9 0.29 2	18	4	290	18.9		ω	18.9		267	18.9	•	264
.4 0.27 274	25	4	296	25.4	0.28	280	25.4	0.29	264	25.4	2	257
0 0.24 2	32	0.26	289	2		ω	2	2	269	32.0	2	257
6 0.22 2	38	•	289	φ.		ω	38.6	ε.	268	38.6	4	256
1 0.22 2	45	•	291	45.1		ω	45.1	4	275	45.1	•	262
7 0.15 2	51	۲.	302	÷	0.21	ω	51.7		281	H.	۲.	271
2 0.13 2	58	Η.	313	•	0.18	6	•	0.20	275	•	Н.	266
8 0.11 2	64	0.19	313	64.8	0.17	0	64.8	0.18	280	64.8	Н.	266
4 0.07 2	71	•	312	71.4	0.15	6	71.4	0.16	297		Н.	282
9 0.06 2	77	Н.	343	77.9	0.15	Н			321	77.9	0.11	280
.5 0.06 3	ò	0.07	346	84.5	0.10	თ	84.5	0.09	301	•		253
0.03 1	91	0.10	24	91.4	btm		90.9	btm		90.2	btm	
2.5 btm	2.0	btm										

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)Continued

		над	287	271	257	277	237	250	215	174	251	236	163	67		
	1,827	Vel	ε.	0.23	0.31	0.17	0.14	0.13	٠,	•	0.01	0.01	°.	0.10	btm	
		Dpth	5.7	12.3	18.9	25.4	8	ω.	45.1	Ή.	58.2	64.8	71.4	77.9	83.7	
		Ндд	0	289	289	299	288	299	306	322	327	ന	42	52	10	
	,801	Vel	0.33	0.23	0.18	0.15	0.15	0.15	0.13	•	0.05	0.05	0.05		0.07	btm
(feet)	Π	Dpth	5.7	12.3	18.9	25.4		38.6	45.1	51.7	58.2			77.9	84.5	.5
bank		Нфд	285	280	286	290	284	290	297	292	293	262	306	348	266	
from left bank (feet)	1,761	Vel	٣.	0.30	7	7		0.22	0.25	0.17	0.14	0.13	0.08	0.07	0.06	btm
Distance from		Dpth	•	12.3	18.9	5.	ς.	38.6	45.1	Η.	58.2	4.	71.4	77.9	84.5	87.5 1
Dista		Нфд	284	283	284	290	290	288	270	203	206	90	331	33	180	
	1,735	Vel	ω.	0.20	.1	٦.	0.17	•	0.	0.02	0.03	0.01	0.04	0.08	0.02	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	84.5	88.7 1
		Hdg	ω	284	ω	7	7	7	7	9	ω	0	2	3	0	
	1,695	Vel	ω.	0.23	7.	2	ч.	۲.	۲.	°	0.	0.07	0.05	0.05	0.03	btm
		Dpth	5.7	8	$\infty$	25.4	32.0	38.6	45.1	Ĺ.	φ.	4.	71.4	7.	4.	89.5 h

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)Continued

Hdg Dpth Vel Hdg Dpth  300 5.7 0.32 298 5.7 288 12.3 0.23 291 12.3 291 18.9 0.18 276 18.9 292 25.4 0.19 288 25.4 300 32.0 0.16 293 32.0 308 38.6 0.14 287 38.6 329 45.1 0.03 45 45.1 51.6 btm 49.4	1,867	1,1	1	1,893	Dist	Distance from left bank (feet)	nm left 1,932	bank		1,957			1,995	
.7 0.38 300 5.7 0.32 298 5.7 0.30 .3 0.22 288 12.3 0.23 291 12.3 0.18 .9 0.19 291 18.9 0.18 276 18.9 0.14 .4 0.18 292 25.4 0.19 288 25.4 0.13 .0 0.17 300 32.0 0.16 293 32.0 0.11 .6 0.18 308 38.6 0.14 287 38.6 0.09 .1 0.15 329 45.1 0.03 45 45.1 0.05 .5 btm 51.6 btm 49.4 btm	Hdg Dpth Vel Hdg	Dpth Vel Hdg	Hdg		l d	oth	Vel	Ндд		Vel	Ндд	Dpth	Vel	Нд
3 0.22 288 12.3 0.23 291 12.3 0.18 9 0.19 291 18.9 0.18 276 18.9 0.14 14 0.18 292 25.4 0.19 288 25.4 0.13 0 0.17 300 32.0 0.16 293 32.0 0.11 0 0.15 329 45.1 0.03 45 45.1 0.05 1 0.15 329 45.1 0.03 45 45.1 0.05 5 btm 51.6 btm 49.4 btm	33 295 5.7 0	5.7 0.26	26	294		7.3	0.38	300	7.2	0.32	298	5.7	0.30	293
.9 0.19 291 18.9 0.18 276 18.9 0.14 .4 0.18 292 25.4 0.19 288 25.4 0.13 .0 0.17 300 32.0 0.16 293 32.0 0.11 .6 0.18 308 38.6 0.14 287 38.6 0.09 .1 0.15 329 45.1 0.03 45 45.1 0.05 .5 btm 51.6 btm 49.4 btm	2.3 0.14 299	12.3 0.14 299	14 299	299		12.3	0.22	288	12.3	0.23	291	12.3	0.18	279
.4 0.18 292 25.4 0.19 288 25.4 0.13 .0 0.17 300 32.0 0.16 293 32.0 0.11 .6 0.18 308 38.6 0.14 287 38.6 0.09 .1 0.15 329 45.1 0.03 45 45.1 0.05 .5 btm 51.6 btm 49.4 btm	15 278 18.9 0	18.9 0.08	.08			18.9		291	18.9	0.18	276	18.9	0.14	272
.0 0.17 300 32.0 0.16 293 32.0 0.11 .6 0.18 308 38.6 0.14 287 38.6 0.09 .1 0.15 329 45.1 0.03 45 45.1 0.05 .5 btm 51.6 btm 49.4 btm	18 300 25.4 0.08	25.4 0.08	.08					292	25.4	0.19	288	25.4	0.13	279
.6 0.18 308 38.6 0.14 287 38.6 0.09 .1 0.15 329 45.1 0.03 45 45.1 0.05 .5 btm 51.6 btm 49.4 btm	15 301 32.0 0	32.0 0.06	90.			32.0	Ö	300	32.0	0.16	293	32.0	0.11	
.1 0.15 329 45.1 0.03 45 45.1 0.05	38.6 0.09	38.6 0.09	60.	315		38.6	0	308	38.6	0.14	287		0.09	
9.5 btm 51.6 btm 49.4	13 334 45.1 0.07	45.1 0.07	.07	331		45.1	0	329	45.1	0.03	45	•	•	97
	14 5 51.7 0.10	51.7 0.10	.10	348		9.5	btm		1.6	btm		49.4	btm	
	58.2 0.04	58.2 0.04	.04	300										
	.05 355	69.9	btm											
	btm													

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)Continued

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)Continued

		Hdg	294	288	278	271	267	281	299	
	2,324	Vel	0.37	0.25	0.23	0.21	0.18	0.13	0.03	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.01
		Hdg	289	284	265	263	262	268	315	
	2,286	Vel	0.35	0.25	0.21	0.19	0.17	0.15	0.01	otm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.8
bank		Hdg	294	288	288	289	286	279	284	
m left	2,261	Vel	0.40	0.31	0.27	0.25	0.26	0.23	0.09	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.6
Dista		Hdg	307	297	292	299	296	294	0	
	2,223	Vel	0.36	0.25	0.22	0.20	0.17	0.15	0.09	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.6
		Hdg	292	287	282	273	271	277	298	
	2,185	Opth Vel	0.36	0.27	0.22	0.24	0.19	0.17	0.07	otm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	50.7 k

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)-Continued

	86	1 Hdg		0.29 297	0.24 302	0.20 295	0.15 289	0.16 309	0.07 339	
	2,486	ch Vel	5.7 0	12.3 0	18.9 0	25.4 0	32.0 0	38.6 0	5.1 0	48.4 btm
		. Dpth							4	4
		Hdg	292				2 281		325	
	2,448	Vel	0.40	0.26		0.23		0.17	0.05	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.7
bank		Hdg	292		276	275	266	260	126	
om left	2,423	Vel	0.38	0.26	0.21	0.19	0.16	0.12	0.02	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.7
Dist		Hdg	294	283	272	263	256	340	142	
	2,386	Vel	0.32	0.21	0.17	0.13	0.11	0.05	0.05	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.2
		Ндд	278	266	252	240	231	243	158	
	2,349	Vel	0.36	0.25	0.21	0.20	0.20	0.10	0.09	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.9

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)Continued

		Ндд	00	295	663	06	84	16	306	
	2,652	Vel H		0.33 2					0.09 3	ـــ
	2,6	Š								btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	49.2
		Hdg	300	288	285	283	281	295	258	
	2,613	Vel	0.34	0.26	0.25	0.19	0.20	0.17	0.02	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	49.3
bank		Hdg	307	303	292	289	291	280	348	
m left	2,588	Vel	0.34	0.27	0.26	0.23	0.21	0.20	0.03	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.9 1
Dista		Hdg	305	299	286	282	279	305	340	
	2,549	Vel	0.34	0.25	0.18	0.20	0.16	0.10	90.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.4
		Hdg	306	300	303	302	299	310	25	
	2,524	Vel	0.32	0.21	0.17	0.12	0.12	0.10	0.08	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.1 b

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)Continued

		Нфд	315	308	303	302	315			
	2,808	Vel				0.28		btm		
		Dpth	5.7	12.3	18.9	25.4	32.0	40.1 F		
		Над	313	308	309	306	308	332		
	2,782	Vel	0.40	0.32	0.27	0.26	0.23	0.18	btm	
(feet)	2	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	44.3 b	
bank		Hdg	307	296	296	289	284	310	102	
n left	2,742	Vel	0.25	0.17	0.17	0.13	0.11	0.09	0.04	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.4 b
Dista		ндд	298	295	297	296	288	291	295	
	2,717	Vel	0.33	0.27	0.26	0.22	0.24	0.22	0.05	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.9 k
		Нфд	300	299	297	287	281	303	319	
	2,677	Vel	0.38	0.29	0.26	0.23	0.21	0.20	90.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.5 b

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)Continued

		Над	318	325	344			
	2,972	ve1		0.18		btm		
		Dpth	5.7	12.3	18.9	24.3		
		Hdg	308	307	328	354		
	2,947	vel	0.36	0.20	0.15	0.04	btm	
(feet)	(4	Dpth	5.7	12.3	18.9	25.4	27.9 I	
bank		Hdg	304	288	294	337		
m left	2,909	Vel	0.32	0.29	0.31	0.26	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	33.2 k	
Dista		Над	284	250	308	341	69	
	2,883		0.16	0.12	0.02	0.04	0.10	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	37.0 1
		Ндд	307	276	291	296	333	
	2,846	Dpth Vel	0.26	0.24	0.16	0.16	90.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.1 1

Table 106.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)-

			Ндд		
			Vel		
			Dpth Vel Hdg		
			Hdg		
			Vel		
	(feet)		Dpth Vel		
ਿਲ	bank		Ндд		
Continued	om left		Vel		
8	Distance from left bank (feet)		Dpth Vel Hdg		
	Dista		Hdg	253	
	ć	3,021	Vel Hdg	0.17 253	btm
			Dpth	5.7	_
1			Hdg	335	18
	6	3,010		0.21	12.3 0.15 17.8 btm
			Dpth Vel	5.7	12.3

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	160	165	160	170	177	176	171	197	
	185	Ve1	0.10	0.12	0.12	0.16	0.13	0.11	0.12	0.10	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	65.7
		Нфд	70	91	118	100	131	82	109	31	
	147	Vel	0.07	0.11	0.04	90.0	0.04	0.04	0.05	0.05	btm
(feet)	•	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	60.0
bank		ндд	128	123	123	131	148	226			
m left	123	Vel	0.08	0.09	0.13	0.16	0.11	0.13	btm		
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	53.3		
Dista		Hdg	45	74	53	16					
	98	Vel	0.04	0.07	0.07	0.16	btm				
		Dpth	5.7	12.3	18.9	25.4	41.7				
		над	279	325							
	53	Dpth Vel Hdg	5.7 0.08 2	0.08	btm						
		Dpth	5.7	12.3	16.8 1						

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)Continued

		Hdg	40	45	46	52	51	64	61	63	61	54	
	371	Vel	0.34	0.35	0.44	0.39	0.42	0.41	0.44	0.52	0.47	0.49	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.0
		Нфд	233	222	259	230	197	166	163	202	197	180	
	300	Vel	0.07	0.14	0.07	0.10	0.09	0.12	0.15	0.12	0.07	0.01	btm
(feet)	8	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	72.2 k
bank		Hdg	310	320	308	315	308	329	296	90	99	354	
m left	285	Vel	0.09	0.08	0.09	90.0	0.02	90.0	0.07	0.02	90.0	0.11	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	72.3 k
Dista		Hdg	38	42	73		32		248	31	44	39	
	249	Vel	0.10	0.10	0.07	0.02	0.09	0.05	0.05	0.17	0.17	0.14	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	70.7
	!	Hdg	82	85	29	57	89	80	62	99	57		
##  -  -	224	Vel	0.16	0.13	0.15	$\vdash$	0.16	0.16	0.07	0.15	0.10	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	4 0.07	

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	400			428			466		-,	503			528	
Dpth	Vel	Ндд	Dpth	Vel	Нфд	Dpth	Vel	НАЗ	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.05	307	5.7	0.13	270	5.7	0.25	256	5.7	0.16	292	5.7	0.36	265
12.3	0.10	293	12.3	0.13	292	12.3	0.26	259	12.3	0.10	302	12.3	0.26	273
18.9	0.08	350	18.9	0.09	267	18.9	0.21	270	18.9	0.07	294	18.9	0.21	273
25.4	0.10	38	25.4	0.05		25.4	0.21	263	25.4	90.0	344	25.4	0.23	289
32.0	0.06	21	32.0	0.05	89	32.0	0.18	255	32.0	0.08	29	32.0	0.11	280
38.6	0.02	189	38.6	0.04		38.6	0.12	258	38.6	0.05	0	38.6	0.12	280
45.1	0.05	53	45.1	0.08	243	45.1	0.13	244	45.1	90.0	115	45.1	0.10	258
51.7	0.12	21	51.7	0.02	170	51.7	0.07	275	51.7	0.05	90	51.7	0.02	296
58.2	0.11	335		0.07	7	58.2	0.09	248	58.2	90.0	323	58.2	0.10	327
64.8	0.14	286	64.8	0.10	258	64.8	0.09	195	64.8	0.10	17	64.8	0.13	274
72.2	btm		ω.	btm		71.0 ]	btm		72.3	btm		72.4	btm	

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)-Continued

		Нфд	294	302	302	302	288	320	336	328	თ	29	43	
	695	Vel	0.33	0.25	0.19	0.20	0.14	0.16	0.14	0.11	0.12	0.09	0.07	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	76.2
		Над	292	298	291	291	307	336	297	316	322	323	332	
	657	Vel	0.39	0.31	0.36	0.32	•	0.20	•	•	0.13	0.17	0.08	btm
(feet)	v	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	76.1
bank		Нфд	303	315	324	330	341	349	27	42	98	45	53	
m left	632	Vel	0.27	0.25	0.23	0.20	0.17	0.09	0.17	0.19	0.14	0.02	0.18	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	"
Dista		Над	309	310	291	321	354	348	335	324	344	345	357	
	593	Vel	0.43	0.38	0.18	0.19	0.23	0.17	0.14	0.12	0.13	0.14	0.13	btm
		Dpth	5.7	12.3	18.9	25.4		38.6	45.1	51.7	58.2	64.8	71.4	73.1
		Hdg	335	345	347	28	49	288	225	79	52	S	36	
	567	Vel	0.20	0.14	0.12	0.11	0.09	0.03	0.03	0.13	0.23	0.11	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	•	69.9	

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	732			756			794		~	819			856	
Dpth	vel	Hdg	Dpth	Vel	над	Dpth	Vel	Ндд	Dpth	vel	Нфд	Dpth	Vel	над
5.7	0.32		5.7	0.29	299	5.7	0.39	292	5.7	0.37	300	5.7	0.32	296
12.3	0.28	289	12.3	0.24	301	12.3	0.35	288	12.3	0.31	298	12.3	0.27	298
18.9	0.22		18.9	0.21	291	18.9	0.30	287	18.9	0.34	298	18.9	0.21	304
25.4	0.17		25.4	0.15	293	25.4	0.24	293	25.4	0.24	303	25.4	0.18	293
32.0	0.16		32.0	0.14	301	32.0	0.20	291	32.0	0.19	308	32.0	0.16	304
38.6	0.12		38.6	0.12	298	38.6	0.16	287	38.6	0.14	318	38.6	0.11	306
45.1	0.09		45.1	0.10	311	45.1	0.13	292	45.1	0.15	324	45.1	0.10	322
51.7	0.08		51.7	0.09	336	51.7	0.11	291	51.7	0.10	346	51.7	0.07	324
58.2	•	316	58.2	0.07	336	58.2	0.07	313	58.2	0.12	340	58.2	0.09	325
64.8	90.0	347	64.8	0.07	12	64.8	0.09	0	64.8	0.09	7	64.8	0.09	36
71.4	0.05	323	4.8	btm		74.0	btm		73.5 1	btm		73.7	btm	
75.7	btm													

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)Continued

		над	284	281	286	287	280	284	274		354	347	42	
	1,024	Vel	0.37	0.33	0.27	0.23	0.14	0.10	0.08	0.04	0.07	90.0	0.09	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	ω.
		Hdg	285	289	289		292			315	342	345	45	
	866	Vel	0.41	0.36	0.29	0.25	0.16	0.10	0.07	0.07	0.08	0.04	0.09	btm
(feet)	O1	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	78.1 k
bank		Нфд	295	296	295	288	295	277	287	345	356	7	0	
m left	952	Vel	0.35	0.34	0.23	0.16	0.12	0.11	0.07	0.05	0.11	0.08	0.07	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	76.7 1
Dist		Нфд		303	305	300	310		341	355	22	54	48	
	928	Vel	0.32	0.24	0.21	0.11	0.09	0.09	90.0	0.09	0.10	0.15	0.17	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	75.6 1
		Hdg	286	279	276	284	281	277	279	288	325	37	32	
	892	Vel	0.30	0.32	0.24	0.17	0.15	0.12	90.0	90.0	0.04	0.04	90.0	btm
		Dpth	5.7	12.3	18.9	25.4		38.6	45.1	51.7	58.2	64.8	71.4	74.6 k

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)Continued

	1,179	vel Hdg	0.46 288	0.41 284	0.30 281	0.28 280	0.27 270	0.25 276	0.16 279	0.15 297	0.10 298	0.10 324	0.12 353	0.13 37	0.11 358	btm
	1	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	84.5	87.6 b
		Hdg	305	304	304	305	317	333	348	11	22	32	27	59		
	1,156	Vel	0.30	0.24	0.21	0.15	0.11	90.0	0.08	0.11	0.09	0.13	0.16	0.17	btm	
(foot)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	86.5 b	
7 2 3 3		Нфд	287	287	291	293	286	296	304	310	347	355	0	51		
4	1,120	Vel	0.40	0.34	0.25	0.22	0.17	0.16	0.08	90.0	0.07	0.09	0.12	0.25	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4	77.9	84.8 L	
) i a		Hdg	280	281	284	281	279	273	267	250	284	290	338	33		
	1,085	Vel	0.42	0.40	0.32	0.26	0.21	0.16	0.13	0.09	0.08	0.07	0.02	0.13	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.4		2.8	
		Hdg	281	283	289	285	275	280	289	326	352	356	57			
	1,048	vel	ъ.	7		0.20	0.14	•	0.10	•	0.08	90.0	0.09	btm		
		Dpth	5.7	•	18.9	5	ά.	φ.	45.1	Η.	φ.	4.	71.4	81.2 b		

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,216			1,251			1,276		, ,	1,314			1,351	
Dpth	Vel	Hdg	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	4.	6	5.7	0.46	289	5.7	0.24	296	5.7	•	299	5.7	0.44	294
12.3		297	12.3	0.42	288	12.3	0.15	294	12.3	•	305	12.3	0.40	297
18.9	7.	304	ω	0.34	289	18.9	0.08	288	18.9	•	306	18.9	0.30	298
	2	294	Ŋ	•	279	25.4	0.03	282	25.4	0.20	314	25.4	0.23	293
	0.18	282	N	•	272	32.0	0.05	192	32.0	•	323	32.0	0.18	
	0.16	284	ω	•	267	38.6	0.06	157	38.6	0.10	352	38.6	0.10	302
45.1	0.12	302	45.1	0.17	270	45.1	0.12	125	45.1	0.09	332	45.1	0.08	
51.7	0.11	0	$\vdash$	0.13	275	51.7	0.16	115	51.7	0.09	338	51.7	•	320
58.2	0.09	338	58.2	0.06	270	58.2	0.15	97	58.2	0.10	30	58.2	0.06	Q
64.8	0.08	329	4	90.0	283	64.8	0.23	90	64.8	0.12	22	64.8	0.07	349
71.4	0.12	13	<b>.</b> i	0.10	299		0.23		71.4	0.15	36	71.4	0.09	0
77.9	0.10	21	77.9	0.10	348	•	0.27		77.9	0.13	53	•	0.09	56
84.5	0.15	37	4.	0.02	341	84.5	0.28		84.5	0.24	53	84.5	0.21	53
88.5	btm		9.6	btm		90.2	btm		89.9	btm		91.3	btm	

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)Continued

Distance from left bank (feet)	1,451	1,451		1,414 1,451		
1 Hdg Dpth	Vel Hdg	Нфд	Dpth Vel Hdg	Hdg Dpth Vel Hdg	Vel Hdg Dpth Vel Hdg	Dpth Vel Hdg Dpth Vel Hdg
48 292	7 0 48	296 7 7 7 48	7 7 90 00 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 7 7 90 6 8 7 7 8 8	4 5 7 0 39 296 5 7 7 4 8	31 314 57 0 39 296 57 0 48
	.3 0.43	299 12.3 0.43	0.38 299 12.3 0.43	0.38 299 12.3 0.43	12.3 0.38 299 12.3 0.43	5 12.3 0.38 299 12.3 0.43
2	.9 0.35	18.9 0.35	18.9 0.35	.34 295 18.9 0.35	9 18.9 0.34 295 18.9 0.35	.24 319 18.9 0.34 295 18.9 0.35
ω	.4 0.28	296 25.4 0.28	.26 296 25.4 0.28	.4 0.26 296 25.4 0.28	4 25.4 0.26 296 25.4 0.28	.23 324 25.4 0.26 296 25.4 0.28
.24 294	.0 0.24	310 32.0 0.24	.19 310 32.0 0.24	.0 0.19 310 32.0 0.24	5 32.0 0.19 310 32.0 0.24	.19 336 32.0 0.19 310 32.0 0.24
o O	.6 0.19	304 38.6 0.19	.13 304 38.6 0.19	.6 0.13 304 38.6 0.19	5 38.6 0.13 304 38.6 0.19	.17 355 38.6 0.13 304 38.6 0.19
7	.1 0.17	311 45.1 0.17	.12 311 45.1 0.17	5.1 0.12 311 45.1 0.17	45.1 0.12 311 45.1 0.17	.14 2 45.1 0.12 311 45.1 0.17
ო	.7 0.13	323 51.7 0.13	.11 323 51.7 0.13	.7 0.11 323 51.7 0.13	51.7 0.11 323 51.7 0.13	.11 14 51.7 0.11 323 51.7 0.13
4	.2 0.14	345 58.2 0.14	345 58.2 0.14	.2 0.08 345 58.2 0.14	58.2 0.08 345 58.2 0.14	.12 25 58.2 0.08 345 58.2 0.14
Н	.8 0.11	4 64.8 0.11	4 64.8 0.11	.8 0.09 4 64.8 0.11	64.8 0.09 4 64.8 0.11	.14 50 64.8 0.09 4 64.8 0.11
	.4 0.11	7 71.4 0.11	71.4 0.11	.4 0.13 7 71.4 0.11	71.4 0.13 7 71.4 0.11	.18 34 71.4 0.13 7 71.4 0.11
2	.9 0.15	9 77.9 0.15	9 77.9 0.15	.9 0.12 9 77.9 0.15	.9 0.12 9 77.9 0.15	33 77.9 0.12 9 77.9 0.15
.17 38	.5 0.17 3	84.5 0.17 3	0 84.5 0.17 3	0.15 50 84.5 0.17 3	84.5 0.15 50 84.5 0.17 3	48 84.5 0.15 50 84.5 0.17 3
	91.5 btm	1.5	1.5	91.5	.3 btm 91.5	.3 btm 91.5

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,539			1,576			1,614		[	1,639			1,676	
Dpth	Vel	Ндд	Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Над	Dpth	Vel	Нфд
5.7	0.44	297	5.7	0.49	284	5.7	0.29	300	5.7	0.39	304	5.7	0.43	298
12.3	0.37	299	12.3	0.43	282	12.3	0.21	287	12.3	0.34	297	12.3	0.40	297
18.9	0.31	293	18.9	0.38	274	18.9	0.16	286	18.9	0.29	290	18.9	0.33	298
25.4	0.28	ω		0.33	269	25.4	0.16	285	25.4	0.22	285	25.4	0.27	303
32.0	0.23	291	32.0	0.32	264	32.0	0.13	278	32.0	0.19	285	32.0	0.24	300
•	0.21	ω	38.6	0.29	265	38.6	0.07	286	38.6	0.15	278	38.6	0.26	300
45.1	0.15	ω	45.1	0.27	269	45.1	0.09	257	45.1	0.13	286	45.1	0.21	297
51.7	Η.	6	51.7	0.24	271	51.7	90.0	305	51.7	0.14	310	51.7	0.18	306
58.2	0.12	302	58.2	0.21	271	58.2	90.0	356	58.2	0.14	323	58.2	0.15	327
64.8	Η.	326	64.8	0.17	287	64.8	90.0	36	64.8	0.13	334	64.8	0.15	332
71.4	0.11	323	71.4	0.17	288	71.4	90.0	34	71.4	0.19	∞	71.4	0.18	342
77.9	0.10	347	77.9	0.15	291	77.9	0.17	46	6.77	0.20	11	77.9	0.16	351
84.5	0.09	14	84.5	0.06	229	84.5	0.13	75	84.5	0.04	0	84.5	0.09	331
6.06	btm		90.3	btm		89.8	btm		89.0	btm		87.9	btm	

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)-Continued

1,714  Dpth Vel Hdg Dpth 5.7 0.42 289 5.7 12.3 0.36 290 12.3 18.9 0.33 281 18.9 25.4 0.29 280 25.4	vel vel 0.44	ндд	Dpth	1,778							
Vel Hdg Dpt]  0.42 289 5 0.36 290 12 0.33 281 18 0.29 280 25	47 0	ндд	Dpth				1,803			1,840	
.7 0.42 289 5 .3 0.36 290 12 .9 0.33 281 18	4. 0			Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	Hdg
.3 0.36 290 12 .9 0.33 281 18 .4 0.29 280 25	·	294	5.7	0.39	302	5.7	0.37	296	5.7	6E.0	291
.9 0.33 281 18 .4 0.29 280 25	•	287	12.3	ω.	307	•	•	300	12.3	۳.	292
.4 0.29 280 25	0.34	290	18.9	0.33	302	18.9		297	18.9	•	289
	0.31	290	25.4	0.31	301	25.4	0.32	297	25.4	ω.	284
.0 0.31 278 32	0.24	286	32.0	0.28	300	32.0	0.29	297	32.0	0.29	282
.6 0.25 279 38	0.23	284	38.6	0.26	303	38.6	0.25	299	38.6	0.25	290
.1 0.23 279	0.26	288	45.1	0.25	309	45.1	0.22	291	45.1	7	296
.7 0.17 273 51	0.17	297	51.7	0.16	321	51.7	0.18	321	51.7	0.15	306
.2 0.14 285	0.14	304	58.2	0.11	343	58.2	0.21	351	58.2	0.13	19
.8 0.12 316 64.	0.17	298	64.8	0.13	7	64.8	0.09	327	70.4	btm	
.4 0.08 333	0.14	354	71.4	0.18	Н	78.4	btm				
.9 0.17 27	0.23	39	82.6	btm							
.5 btm 85.1	btm										

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,876			1,901			1,937		- •	1,973			1,997	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	НФЭ	Dpth	Vel	Hdg
5.7	0.46	285	5.7	0.40	289	5.7	0.41	286	5.7	0.25	285	5.7	0.30	282
12.3	0.46	284	12.3	0.37	290	12.3	0.40	282	12.3	0.25	285	12.3	0.30	277
18.9	0.43		18.9	0.35	289	18.9	0.43		18.9	0.28	286	18.9	0.30	283
25.4	0.40		25.4	0.34	280	25.4	0.40	288	25.4	0.34	289	25.4	0.33	281
32.0	0.40		32.0	0.33	280	32.0	0.41	291	32.0	0.36	288	32.0	0.33	290
38.6	0.37	283	38.6	0.27	276	38.6	0.36	293	38.6	0.28	299	38.6	0.24	294
45.1	0.29	292	45.1	0.19	283	45.1	0.21	315	45.1	0.10	331	45.1	0.08	347
51.7	0.11	297	51.7	0.05	52	51.7	0.10	က	52.9	btm		50.7	btm	
59.9	btm		55.3	btm		54.2	btm							

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)-Continued

		над	270	284	315	311	304	317	45	
	2,165	Vel	0.10	0.09	0.17	0.17	0.21	0.14	0.09	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.9 1
		Нфд	238	216	257	279	277	300	93	
	2,129	Vel	0.14	0.11	0.10	0.13	0.14	0.13	90.0	btm
(feet)	2	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	49.2 b
bank		нфд	280	273	283	296	302	305	26	
n left	2,106	Vel	0.15	0.16	0.14	0.22	0.23	0.23	90.0	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	49.5 b
Dista		ндд	276	273	282	284	288	295	304	
	2,069	Vel	0.30	0.23	0.26	0.26	0.27	0.23	0.04	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	49.7 E
		над	293	289	294	303	301	313	336	
	2,033	Vel	0.35	0.34	0.35	0.34	0.36	0.33	0.13	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	49.5 b

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)-Continued

		Hdg		295					33	
	2,333	Vel	0.12	0.12	0.13	0.16	0.14	0.12	90.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.7
		Hdg						301		
	2,297	Vel	0.19	0.17	0.21	0.20	0.21	0.17	0.05	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.5
bank		Hdg							324	
m left	2,260	Vel	0.18	0.15	0.16	0.18	0.20	0.16	0.03	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.5
Dista		Hdg	265	288	303	301	306	314	346	
	2,236	Vel	0.18	0.13	0.18	0.22	0.21	0.15	90.0	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.0
		Hdg	268	256	284	285	294	308	45	
	2,201	Vel	0.11	0.12	0.16	0.17	0.15	0.13	0.01	otm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.5 k

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)-Continued

		Ндд	259	245	252	296	324	329	78	
	2,491	Vel	0.05	0.17	0.15	0.10	0.10	0.09	0.05	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.2
		ндд	75	54	7	341	318	328	09	
	2,467	Vel	0.11	0.08	0.12	0.14	0.15	0.11	0.13	btm
(feet)	2	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.6 t
bank		Ндд	235	284	289	299	298	321	0	
m left	2,430	Vel	0.10	0.11	0.16	0.18	0.17	0.08	00.0	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.5 1
Dista		Ндд	209	257	272	291	306	345	112	
	2,393	Vel	0.07	0.04	0.07	0.09	90.0	0.04	0.04	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.5
		ндд	227	270	289	302	310	328	69	
	2,357	Vel	0.10	0.09	0.12	0.13	0.12	0.11	90.0	otm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.6 b

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)-Continued

		Hdg	118	121	123	90	26	35		
	2,661	Vel	0.07	0.05	0.01	0.04	0.04	0.07	btm	
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.9	
		Ндд	167	326	356	313	311	18	14	
	2, 625	Vel	0.03	0.01	0.05	0.07	0.07	0.04	0.05	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	46.91
bank		Hdg	166	23	321	335	331	320	23	
m left	2,589	Vel	0.06	0.02	0.09	0.08	0.07	0.07	0.06	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	47.2
Dista		Hdg	256	268	284	295	303	304	307	
	2,565	Vel	0.08	0.10	0.13	0.14	0.15	0.14	0.07	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	
		Над	286	322	342	321	332	333	21	
	2,528	Vel	0.03	0.04	0.11	0.13	0.12	0.10	0.05	otm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	48.3 b

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)Continued

		Hdg	132	112	111	344		
	2,820	Vel			0.07		btm	
		Dpth	5.7	12.3	18.9	25.4		
		Hdg	140	103	113	45	139	
	2,783	Vel	0.10	0.07	90.0	0.03	90.0	btm
(feet)	2	Dpth	5.7	12.3	18.9	25.4	32.0	35.5 E
bank		Hdg	57	26	45	52	0	
n left	2,759	Vel	0.04	90.0	0.07	0.08	90.0	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	
Dista		Hdg			77			
	2,722	Vel	0.13	0.09	0.12	0.13	0.09	btm
		Dpth vel	5.7	12.3	18.9	25.4	32.0	37.7 E
		Нфд	7	349	10	337	344	
	2,686	Vel	0.05	0.05	0.07	0.10	0.12	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	41.7 b

Table 107.-Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)Continued

Distance from Left bank (feet)  2,917	Vel Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg	.05 42 5.7 0.06 69 .09 83 12.3 0.09 38 .08 14 17.4 btm
2,881	Dpth Ve	5.7 0.05 12.3 0.09 18.9 0.08 23.4 btm
2,857	Hdg	0.07 139 0.12 120 0.07 92 tm
	Dpth Vel	5.7 0.07 12.3 0.12 18.9 0.07 25.9 btm

Table 108.-Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Ндд		324	328	328	324	329	39	110			
	209	Vel		1.3	1.2	1.2	1.1	0.99	0.38	0.03	otm		
		Dpth		4.1	7.4	10.7	13.9	17.2	20.5	23.8	24.3		
		ндд		326	328	330	334	337	32	96			
	170	Vel		1.1	1.1	1.1	1.1	0.99	0.91	0.12	otm		
(feet)	Н	Dpth		4.1	7.4	10.7	13.9	17.2	20.5	23.8	25.5 b		
bank		Ндд		331	326	326	328	327	341	41			
n left	140	Vel	į	1.1	0.95	0.82	0.78	0.78	0.79	0.27	otm		
Distance from left bank (feet)		Dpth		4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.4 b		
Dista	111	Hdg	Hdg		330	331	337	357	20	18			
		111	111	111	Vel		0.93	0.90	0.80	0.73	0.74	0.85	0.57
		Dpth Vel		4.1	7.4	10.7	13.9	17.2	20.5	23.8	24.7		
		Hdg		311	311	327	353						
	75	Vel		0.85	0.79	0.65	0.62	btm					
		Dpth Vel	i	4.1	7.4	10.7	13.9	19.6 k					

Table 108.-Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst)Continued

		над	326	325	325	324	328	331	9	84	
	373	Vel	1.8	1.9	1.8	1.7	1.7	1.5	1.3	0.26	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.5
		Hdg	330	327	331	330	328	345	53		
	343	Vel	1.6	1.6	1.6	1.6	1.5	1.4	0.45	btm	
(feet)	3	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1 b	
bank		Нфд	334	332	332	331	332	14	24		
m left	301	Vel	1.6	1.7	1.6	1.5	1.4	0.97	0.13	btm	
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	25.3 1	
Dista		Hdg	325	329	327	322	326	47	135		
	269	Vel	1.4	1.4	1.3	1.3	1.2	0.44	0.01	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	24.6 1	
		Hdg	325	327	327	323	327	45	122		
	239	Vel	1.4	1.4	1.3	1.3	1.3	0.37	0.04	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8		

Table 108.-Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst)-Continued

		Hdg	326	329	329	329	324	326	327	28	116	
	537	Vel	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.2	0.07	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	32.2
		Нфд	328	330	331	328	326	328	324	56	144	
	507	Vel	1.5	1.5	1.5	1.4	1.5	1.3	1.3	1.3	0.07	btm
(feet)	(1)	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	32.5 1
bank		Брн	324	325	326	328	327	323	327	25	57	
m left	466	Ve1	1.5	1.4	1.5	1.4	1.4	1.3	1.3	1.4	0.03	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	32.4 1
Dist		НФд	326	329	332	333	334	334	332	26	65	
	435	Vel	1.8	1.6	1.5	1.5	1.4	1.4	1.3	1.4	0.11	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	32.3 1
		над	322	325	324	323	322	325	340	37	228	
	404	Vel	1.6	1.5	1.5	1.4	1.3	1.2	1.2	0.71	0.12	btm
		Dpth Vel	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	

Table 108.-Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst)-Continued

		НЧЭ	319	319	320	320	324	323	17	349		
	695	Vel	1.8	1.6	1.6	1.4	1.3	1.3	1.2	0.04	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.4	
		ндд	321	320	321	321	321	321	357	154		
	299	Vel	1.8	1.8	1.7	1.5	1.4	1.3	1.1	0.05	btm	
(feet)	•	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.9 1	
bank		ндд	323	325	325	326	329	329	350	64	188	
m left	628	Vel	1.7	1.6	1.5	1.5	1.4	1.5	1.3	0.24	0.21	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	30.5 1
Dista		над	328	328	328	329	332	334	348	51	136	
	598	Vel	1.8	1.7	1.6	1.5	1.4	1.3	1.2	0.46	0.15	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	31.0 1
		Над	328	328	328	326	326	322	329	46	119	
	568	Vel	1.6	1.6	1.5	1.5	1.5	1.5	1.3	0.87	0.13	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	31.7 b

Table 108.-Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	733			160			767			825			864	
Dpth	Vel	ндд	Dpth	Vel	НФЭ	Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	над
4.1	1.6	322	4.1	1.5	322	4.1	1.5	326	4.1	1.5	322	4.1	1.5	330
7.4	1.5	320	7.4	1.5	320	7.4	1.4	325	7.4	1.4	323	7.4	1.4	331
10.7	1.5	320	10.7	1.4	318	10.7	1.4	323	10.7	1.5	322	10.7	1.3	332
13.9	1.5	321	13.9	1.4	315	13.9	1.3	321	13.9	1.4	324	13.9	1.3	336
17.2	1.3	322	17.2	1.3	321	17.2	1.3	321	17.2	1.2	325	17.2	1.3	335
20.5	1.2	324	20.5	1.2	328	20.5	1.0	337	20.5	0.96	342	20.5	1.0	7
23.8	0.99	34		0.48	37	23.8	0.24	83	23.8	0.10	98	23.8	0.14	77
27.1	0.08	128	27.1	0.06	152	27.1	0.15	178	26.8	btm		26.4 F	btm	
28.7	btm		٥.	btm		27.4	btm							

Table 108.-Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst)Continued

		Hdg	321	323	325	327	327	34	307	
	1,027	Vel	1.1	1.0	1.0	0.99	0.97	0.50	0.07	otm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	24.7
		Ндд	319	322	323	327	327	34	104	
	686	Vel	1.2	1.2	1.2	1.2	1.0	0.56	0.11	btm
(feet)	o	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	
bank		Ндд	318	323	321	323	326	19	06	
n left	096	Vel	1.3	1.3	1.3	1.3	1.2	0.84	0.04	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	25.4 b
Dista		Над	326	325	329	330	329	10	25	
	932	Vel	1.3	1.3	1.3	1.2	1.1	1.0	90.0	otm
		Dpth	4.1	7.4	10.7	13.9		20.5		25.8 1
		над	322	325	327	329	328	7	95	
	893	Vel	1.4	1.4	1.4	1.4	1.2	1.0	0.03	btm
		Dpth		7.4						26.1 b

Table 108.-Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst)-Continued

		Ндд							
		Vel							
		Dpth							
		Hdg							
		Vel							
(feet)		Dpth							
bank		Hdg							
m left		Vel							
Distance from left bank (feet)		Dpth							
Dista		Hdg	334	336	337	342	28		
	1,085	Vel	0.86	06.0	0.74	0.99	0.86	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2	۲.	
		Нфд	318	315	312	316	333	78	
	1,056	Vel	0.82	0.75	0.70	0.73	0.73	0.10	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

						4 4	19	<u>.</u> و و و	(1009)					
					DISC	Distance irom Leit Dank (leet)	om Lert	bank	(reer)					
	74			114			136			170			205	
t h	Dpth Vel Hdg	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	vel	Ндд
4.1	4.1 0.46		4.1	0.47	100	4.1	0.48	84	4.1	0.31	79	4.1	0.21	97
7.4	0.43		7.4	0.41	100	7.4	0.49	81	7.4	0.36	77	7.4	0.25	64
7.0.	0.40		10.7	0.36	85	10.7	0.41	81	10.7	0.32	81	10.7	0.24	54
3.9	0.25	81	13.9	0.11	41	13.9	0.44	78	13.9	0.35	78	13.9	0.24	53
7.2	0.13		Η.	btm		17.2	0.40	41	17.2	0.29	78	17.2	0.24	65
7.9	btm						btm		20.5	0.24	71	20.5	0.19	89
										btm		23.8	0.23	57
												27.1	0.18	62
												30.3	0.18	340
												33.6	90.0	9
													btm	

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

				Dist	Distance from left bank (feet)	m left	bank	(feet)					
241			265			300		(')	333			367	
Vel	Над	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Нфд
C	۳ ب	4	ις α	303	4	17 0	ر بر	4	ر 7 ج	α σ	4	Ľ	310
0	ာဖ		0.62	302		0.72	284	7.4		304		0.58	313
0	<b>.</b>		.56	316	H		292	10.7	0.64	307		•	311
•	3	H		322	13	0.69	285	13.9	0.58	315		0.52	311
0	⊣			334	17	•	286	•	•	321		•	315
0	⊣	7		337	20	•	290	•		323		•	321
0.	4	2	თ	345	23.8	0.64	294	23.8	0.53	335	23.8	0.57	329
0	ო	7		355	27	•	304	•	•	346		•	330
0	н	ന	.45	Н	30	0.55	304		•	344	•	•	333
0		m	.48	S	33	•	319		•	348	•	•	332
0	J.	ന	.53	359	36	0.47	326	•	•	350	•	•	339
7 btm		40.2	.65	8	40	0.55	345	•	•	355	•	•	336
		43.5		355	43	0.43	322		0.14	11		0.11	273
		46.8	0	197	46	0.07	230	ı.	btm		44.2	btm	
		7.9	btm		48.0	btm							

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)Continued

		Hdg	297	295	299	298	315	316							
	534	Vel	0.34	0.37	0.38	0.37	0.45	0.19	btm						
	5	Dpth	4.1	7.4	10.7	13.9	17.2	20.5							
		Hdg	301	302	303	313	312	325	14	177					
	491	Vel	0.43	0.43	0.36	•	0.38	0.36	0.42	0.16	btm				
(feet)	4	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	۲.				
bank		Hdg	291	296	303	299	302	304	301	344	253				
n left	469	Vel	0.42	0.44	0.44	0.47	0.40	0.50	0.43	0.36	0.32	btm			
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	31.2 b			
Dista		Hdg	303	308	311	311	315	311	318	327	331	25			
	436	Vel	0.52	0.46	0.50	0.55	0.53	0.53	0.52	0.50	0.47	0.28	btm		
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	30.3	33.6	36.5 b		
		Hdg	297	304	305	303	308	310	311	314	314	315	9	91	
	401	Vel	0.52	0.53	0.55	0.55	0.51	0.56	0.55	0.54	0.43	0.49	0.41	0.11	btm
		Dpth	4.1	7.4	10.7	13.9	•	•	•	•	30.3	•	•	•	40.8 b

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

					Dista	Distance from left bank (feet)	om left	bank	(feet)					
	556			589			622			655			688	
Dpth Vel	Vel	ндд	Dpth	th Vel	Над	Dpth Vel		Hdg	Dpth Vel	Vel	над	Dpth Vel	Vel	ндд
4.1	0.30		4.1	0.44	290	4.1		287	4.1	0.46	291	4.1	0.46	299
7.4	0.35		7.4	0.36	290	7.4			7.4	0.50	293	7.4	0.41	296
10.7	0.36	314	10.7	0.38	294	10.7	0.41	302	10.7	0.43	292	10.7	0.43	305
13.9	0.35		13.9	0.34	289	13.9			13.9	0.25	317	13.9	0.10	354
17.2	0.35		17.2	0.42	330	17.2	0.18	328	17.2	0.08	248		btm	
20.5	0.10		20.5	0.10	254	20.8	btm			btm				
	btm			btm										

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

		263 291 189
	851	0.33 0.33 0.12 btm
	w	4.1 7.4 10.7 13.2 b
		276 265 255
	818	0.49 0.44 0.15 btm
(feet)	80	4.1 7.4 10.7 13.9 b
bank		278 278 270 191
ı left	787	0.46 0.47 0.21 0.39 btm
Distance from left bank (feet)		4.1 0.7.4 0.10.7 0.13.9 0.14.3 btm
Dista		296 302 343 128
	755	4. 9. 9. 9. 1. 9. 1.
		4.1 0 7.4 0 10.7 0 13.9 0 14.6 btm
		303 303 313 14
	722	0.44 0.41 0.38 0.08
		4.1 0.44 7.4 0.41 10.7 0.38 13.9 0.08 15.5 btm

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

		Hdg	294 295 308
	1,017	Vel	0.51 0.41 0.11
		Dpth	4.1 0.51 7.4 0.41 10.7 0.11 13.0 btm
		над	281 285 271
	984	Vel	0.56 0.39 0.14 btm
(feet)	0)	Dpth	4.1 0.7.4 0.10.7 0.12.4 btm
bank		Нфд	297 29 <b>4</b> 273
n left	951	Vel	0.48 297 0.38 294 0.06 273 btm
Distance from left bank (feet)		Dpth	4.1 0.7.4 0.10.7 0.12.0 btm
Dista		Hdg	296 300 198
	918	vel	1 0.43 4 0.43 7 0.01 5 btm
		Dpth vel	4.1 0.7.4 0.10.7 0.12.0 btm
		Ндд	306 323 350
	885	Vel	0.46 0.44 0.14 btm
		Dpth Vel	4.1 0.7.4 0.10.7 0.12.3 btm

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	1,050			1,083			1,115			1,148			1,181	
4.1	0.46		4.1	0.41	293	4.1	0.47	276	4.1	0.43	290	4.1	0.47	287
7.4	0.43	280	7.4	7.4 0.40	300	7.4	0.47	277	7.4	0.48	287	7.4	0.45	283
10.7 0.02	0.02		10.7	0.10	09	10.7	10.7 0.09 272	272	10.7	10.7 0.16	322	10.7	0.36	302
13.1 b	tm		13.3	.3 btm		13.6 btm	btm		13.9	0.22	176	13.9	0.08	214
									14.6 btm	btm		15.8 b	btm	

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

		Hdg			280		
	1,352	Vel	0.69	0.65	0.62	0.34	btm
		Dpth	4.1	7.4	10.7	13.9	17.4
		над	286	286	285	7	
	1,310	Vel	0.44	0.41	0.45	0.13	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	16.9
bank		Ндд			303		
m left	1,279	Vel	0.55	0.46	0.42	0.10	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	16.1
Dist		над	287	283	307	294	
	1,246	Vel	0.45	0.43	0.42	0.05	btm
		Dpth Vel	4.1	7.4	10.7	13.9	15.7
		Над	273	266	291	229	
	1,213	Vel	0.50	0.51	0.37	0.11	btm
		Dpth Vel	4.1	7.4	10.7 0.	13.9	15.8 1

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

	1,384			1,416	D18C8	ance fro	nm left 1,447	Distance from left bank (feet)	1	1,480			1,512	
4.1	0.55	277	4.1	0.69	288	4.1	0.48	274		0.72	291	4.1	0.73	
7.4	0.53	285	7.4	0.69		7.4	0.44	274	7.4	0.61	294	7.4	0.67	288
10.7 0.	0.46	279	10.7	0.72	288	10.7	0.39	281		0.62	292	10.7	0.66	
13.9	0.63	311	13.9	0.57	334	13.9	0.38	297		0.56	308	13.9	0.67	
17.2	90.0	330	17.2	0.20	294	17.2	0.19	45		0.16	339	17.2	0.26	
18.4	btm		18.3	btm		19.7	btm			btm		20 6 1	h+4	

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

		НФВ	273	277	278	281	306	302	
	1,670	Vel	0.62	0.58	0.52	0.52	0.43	90.0	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.2	
		Нфд	275	281	283	283	312	342	
	1,639	Vel	0.54	0.51	0.48	0.43	0.45	0.10	btm
(feet)	П	Dpth	4.1	7.4	10.7	13.9	17.2	20.5	22.8 L
bank		Hdg	285	283	285	279	328	14	
n left	1,607	Vel	0.60	0.54	0.52	0.57	0.45	0.11	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	
Dista		Hdg	280	279	285	284	346	31	
	1,575	Vel	0.53	0.52	0.52	0.48	0.54	0.07	btm
		Dpth Vel	4.1	7.4	10.7	13.9	17.2	20.5	22.0 1
		Hdg	286	285	288	291	11	180	
	1,545	Vel	0.51	0.49	0.42	0.41	0.43	0.10	otm
		Dpth Vel	4.1	7.4	10.7	13.9	17.2	20.5	21.1

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

	03	l Hdg	0.53 283	0.61 286	0.59 285	0.56 281	0.62 279	0.58 280	0.60 329	0.05 94	
	2,003	h vel				13.9 0			23.8 0	27.1 0	29.3 btm
		Dpth									29
		Над	3 281		282		9 283			1 261	
	1,971	Vel	0.68	0.74	0.71	0.69	0.69	0.64	0.70	0.04	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.2
bank		Нфд		280	281	284	274	276	329	344	
om left	1,939	vel	0.75	0.68	0.67	0.72	0.67	0.58	09.0	90.0	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.5
Dist		Hdg	285	286	284	282	283	281	342	340	
	1,907	Vel	0.66	0.66	0.67	0.68	0.66	0.66	0.84	0.08	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.1
		над	289	284	285	280	277	273	339	351	
	1,875	Vel	0.60	0.59	0.57	0.52	0.57	0.55	0.62	0.07	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	27.1	29.1

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	2,035			2,067			2,100		. 4	2,132			2,164	
Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	над	Dpth	Vel	Ндд	Dpth	Vel	Нфд
4.1	0.62		4.1	0.64	277	4.1	0.67		4.1	0.53	283	4.1	0.40	265
7.4	0.62		7.4	0.65	276	7.4	0.66		7.4	0.56	285	7.4	0.46	276
10.7	0.53		10.7	0.67	277	10.7	0.65		10.7	0.52	283	10.7	0.44	270
13.9	0.58	272	13.9	0.64	276	13.9	0.55	278	13.9	0.51	279	13.9	0.41	270
17.2	0.54		17.2	0.65	278	17.2	0.55		17.2	0.47	278	17.2	0.36	280
20.5	0.55		20.5	0.65	278	20.5	0.54		20.5	0.40	281	20.5	0.40	277
23.8	0.62	342	23.8	0.58	353	23.8	0.50		23.8	0.47	0	23.8	0.39	ത
27.1	0.02	0	27.1	0.03	306	27.1	0.05		27.1	0.12	83	27.1	0.12	133
28.9	btm			btm		28.2	btm		28.2	btm		28.2	btm	

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	2,196			2,237			2,268		- *	2,299			2,330	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.63	280	4.1	0.63	273	4.1	0.77	287	4.1	09.0	284	4.1	0.54	291
7.4	0.62	279	7.4	09.0	284	7.4	0.73		7.4	0.62	290	7.4	0.53	290
10.7	0.60	279	10.7	0.65	283	10.7	0.72	286	10.7	0.57	290	10.7	0.55	295
13.9	0.59	277	13.9	09.0	286	13.9	0.71	286	13.9	0.55	291	13.9	0.53	291
17.2	0.53	275	17.2	0.54	279	17.2	0.70	286	17.2	0.50	290	17.2	0.53	293
20.5	0.45	282	20.5	0.50	288	20.5	09.0	288	20.5	0.49	314	20.5	0.71	343
23.8	0.57	344	23.8	0.46	7	23.8	0.46	336	23.8	0.07	18	23.8	90.0	53
27.1	0.04	340	27.1	0.07	351	27.1	0.16	298	27.1	btm		25.7	btm	
28.3 1	btm		φ.	btm		28.0	btm							

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

		Hdg	284	282	288	283	291	329	221	
	2,499	Vel	0.58	0.53	0.54	0.52	0.44	0.38	0.04	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	
		Hdg	282	282	283	274	285	343	303	
	2,458	Vel	0.47	0.49	0.46	0.42	0.51	0.50	0.04	btm
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	
bank		Hdg	269	281	277	271	276	318	270	
m left	2,426	Vel	0.51	0.52	0.51	0.51	0.48	0.44	0.04	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	
Dista		Над	280	280	281	279	281	317	277	
	2,394	Vel	0.50	0.52	0.48	0.45	0.48	0.48	0.05	otm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	25.9 1
		Ндд	281	291	289	287	290	338	9	
	2,362	Vel	09.0	0.62	09.0	0.63	09.0	0.51	90.0	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	23.8	25.2 b

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
-	2,530			2,561			2,591			2,621			2,662	
4.1	0.42		4.1			4.1	0.58		4.1	0.60		4.1	0.55	294
7.4	0.46	269	7.4	0.43	283	7.4	0.53	270	7.4	0.53	294	7.4	0.47	295
10.7	0.46		10.7			10.7	0.46		10.7	0.53		10.7	0.47	294
13.9	0.44		13.9			13.9	0.17		13.9	0.09		13.9	0.37	333
17.2	0.41		17.2			17.2	0.39			btm		17.2	0.33	167
20.5	0.09		19.5	btm		17.5	btm						btm	
22.1 bt	m:													

Table 109.-Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)-Continued

		Ндд							
		Vel							
		Dpth							
		над	289	288	291	303	300		
	2,785	Vel	0.37	0.35	0.44	0.31	0.14	btm	
(feet)		Dpth	4.1	7.4	10.7	13.9	17.2		
bank		ндд	291	283	276	284	309	153	
m left	2,757	Vel	0.40	0.36	0.33	0.34	0.17	90.0	btm
Distance from left bank (feet)		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	21.4 1
Dista		нда	286	284	285	283	315	276	
	2,725	Vel	0.52	0.45	0.53	0.43	0.21	90.0	btm
		Dpth	4.1	7.4	10.7	13.9	17.2	20.5	1.4
		Над	291	292	294	299	349		
	2,693	Vel	0.53	0.49	0.47	0.42	0.21	btm	
		Dpth	4.1	7.4	10.7	13.9	17.2		

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst) per second; Hdg, heading in degrees [Dpth, depth in feet; Vel, velocity in feet

from magnetic North; btm, bottom]

Hdg 313 311 303 310 310 319 33 0.12 0.20 0.18 0.17 0.10 0.08 0.21 0.11 Vel 208 18.9 25.4 38.6 12.3 51.7 Dpth Hdg 280 281 308 287 289 282 171 0.08 0.05 0.12 90.0 0.05 0.05 Vel 167 18.9 38.6 25.4 32.0 Dpth Distance from left bank (feet) Hdg 331 321 324 318 326 325 0.12 0.10 0.07 90.0 0.07 Vel 141 12.3 18.9 25.4 32.0 38.6 Dpth Hdg 329 318 327 321 331 0.13 0.14 0.14 0.18 0.13 Vel 106 5.7 112.3 118.9 25.4 32.0 43.6 Dpth Hdg 33 33 8 0.14 0.15 0.14 0.24 0.21 Vel 17 btm 12.3 18.9 25.4 32.0 Dpth

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)Continued

	330 358	n Vel Hdg Dpth Vel Hdg	0.26 324 5.7 0.24	0.27 325 12.3 0.22	0.26 318 18.9 0.24	0.22 314 25.4 0.20	0.23 315 32.0 0.21		0.18 331 45.1 0.16	0.16 335 51.7 0.14	0.06 337 58.2	btm
Distance from left bank (feet)		y Dpth		12.3				5 38.6		9 51.7	1 58.2	63.8
t ban		Hdg						908 1				
om lef	303	Vel			0.22			0.14		0	0.03	btm
ance fr		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	63.1
Dist		Hdg	309	298	300	300	304	304	305	304	10	
	262	Vel	0.16	0.27	0.30	0.25	0.21	0.19	0.19	0.16	0.11	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	61.8
		Нфд	302	297	296	293	299	303	304	303	0	
	235	Vel	0.18	0.28	0.28	0.26	0.20	0.18	0.16	0.12	0.03	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	60.2

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)Continued

		Над	320	331	325	313	313	302	300	325	112	
	525	Vel	0.20	0.22	0.20	0.22	0.22	0.24	0.19	0.18	0.10	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	
		Hdg	311	315	311	304	309	305	307	319	323	
	497	Vel	0.28	0.29	0.31	0.32	0.31	0.33	0.30	0.30	0.02	btm
(feet)	7	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	62.4
bank		НЧЭ	327	322	318	315	310	307	311	317	326	
m left	455	Vel	0.28	0.28	0.30	0:30	0.33	0.30	0.32	0.29	90.0	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	
Dista		Над	324	308	318	305	309				66	
	428	Vel	0.19	0.18	0.18	0.21	0.23	0.20	0.21	0.14	0.06	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	63.7
		НФВ	311	310	307	302	305	294	315	322	323	
	400	Vel	0.22	0.21	0.19	0.20	0.16	0.13	0.15	0.17	0.02	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.1 k

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)-Continued

Distance from left bank (feet)
Hdg
1
324
321
315
315
315
323
319
337
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Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)Continued

					Dista	Distance from left bank (feet)	m left	bank	(feet)					
	729			756			783		~	825			852	
Dpth	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Ндд	Dpth	Vel	Нфд	Dpth	Vel	Нфд
5.7	0.39	305	5.7	0.36	304	5.7	0.37	299	5.7	0.32	293	5.7	0.32	305
12.3	0.37	302	12.3	0.37		12.3	0.37	297	12.3	0.30	296	12.3	0.34	304
18.9	0.38	300	18.9	0.38	297	18.9	0.39	291	18.9	0.34	296	18.9	0.35	296
25.4	0.40	297	25.4	0.38	303	25.4	0.37	289	25.4	0.32	293	25.4	0.34	306
32.0	0.37		32.0	0.36	307	32.0	0.32	288	32.0	0.30	295	32.0	0.30	302
38.6	0.39	305	38.6	0.39	312	38.6	0.35	302	38.6	0.31	296	38.6	0.32	300
45.1	0.37		45.1	0.35	313	45.1	0.33	298	45.1	0.27	300	45.1	0:30	305
51.7	0.19	313	51.7	0.25	315	51.7	0.24	305	51.7	0.20	315	51.7	0.28	316
58.2	0.03	284	58.2	0.02	315	58.2	0.01	326	58.2	0.02	105	58.2	0.02	53
60.0	btm		0.5	btm		60.9	btm		61.2	btm		61.4	btm	

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)-Continued

	1,018	Vel Hdg	0.47 319		0.46	0.44	0.47	0.45	0.42	7 0.28 330	0.15 327	5 btm
		Dpth	5.3	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	59.5
		Hdg					303				52	
	066	Vel	0.33	0.33	0.33	0.36	0.34	0.34	0.32	0.20	0.05	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	60.4
bank		Hdg	315	312	311		303	304	303	318	345	
om left	950	Vel	0.34	0.35	0.34	0.38	0.36	0.35	0.30	0.28	0.05	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	61.3
Dist		над	303	303		295	297	297	296	301	ω	
	922	Vel	0.37	0.38	•	0.39	0.34	0.33	0.31	0.25	0.02	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	61.6
		Ндд	315	308	311	306	306	301	300	314	322	
	880	Vel	0.38	0.42	0.36	0.37	0.40	0.34	0.34	0.27	0.05	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	61.7

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,045			1,087			1,115		-	1,142			1,185	
Dpth	Vel	Ндд	Dpth	Vel	ндд	Dpth	Vel	Ндд	Dpth	Vel	Hdg	Dpth	Vel	Ндд
5.7	0.45	310	5.7	0.34	310	5.7	0.43	308	5.7	0.48	302	5.7	0.44	309
12.3	0.39	312	12.3	0.37	309	12.3	0.37	307	12.3	0.44	307	12.3	0.44	311
18.9	0.42	309	18.9	0.35	310	18.9	0.35	302	18.9	0.41		18.9	0.46	310
25.4	0.43	311	25.4	0.35	310	25.4	0.34	297	25.4	0.39		25.4	0.46	309
32.0	0.44	311	32.0	0.35	306	32.0	0.33	300	32.0	0.39		32.0	0.41	311
38.6	0.37	306	38.6	0.37	308	38.6	0.32	301	38.6	0.41	302	38.6	0.44	310
45.1	0.39	317	45.1	0.31	321	45.1	0:30	321	45.1	0.40	307	45.1	0.42	310
51.7	0.17	332	51.7	0.07	09	51.7	0.19	49	51.7	0.14	11	51.7	0.25	330
58.3	btm		56.5	btm		56.3	btm		57.7	btm		58.4	btm	

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)Continued

		Hdg		308						
	1,345	Vel	0.32	0.33	0.24	0.05	btm			
		Dpth	5.7	12.3	18.9	25.4				
		над	287	286	279	267				
	1,306	Vel	0.43	0.37	0.34	0.15	btm			
(feet)	П	Dpth	5.7	12.3	18.9	25.4				
bank		Ндд	301	302	299	306	309			
m left	1,280	Vel	0.36	0.35	0.32	0.31	0.15	btm		
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	39.0 1		
Dista		над	297	296	295	292	293	292		
	1,240	Vel	0.53	0.52	0.54	0.49	0.46	0.32	btm	
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6		
		над	306	309	308	309	308	311	311	
	1,213	Vel	0.46	0.48	0.48	0.48	0.42	0.45	0.32	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	38.6	45.1	54.4 b

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)Continued

		Ндд	308 295 302 161
	1,503	Vel	0.15 0.12 0.13 0.01 btm
		Dpth	5.7 12.3 18.9 25.4
		Hdg	306 306 315 36
	1,477	Vel	0.27 0.27 0.23 0.08
(feet)	<b>1</b>	Dpth	5.7 0. 12.3 0. 18.9 0. 25.4 0.
bank		Hdg	302 299 304 90
m left	1,437	Vel	0.32 0.30 0.23 0.01
Distance from left bank (feet)		Dpth	5.7 0. 12.3 0. 18.9 0. 25.4 0. 28.7 btm
Dista		Hdg	313 311 318 344
	1,411	th vel	0.41 0.37 0.33 0.11
		Dpth	5.7 0 12.3 0 18.9 0 25.4 0 28.3 btm
		Ндд	312 301 325 98
	1,371	ı	0.25 0.24 0.15 0.04 btm
		Dpth vel	5.7 0 12.3 0 18.9 0 25.4 0 28.3 btm

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)-Continued

	Hdg		302 303	299	318	
1,674		ľ	0.30			btm
1	Dpth		5.7 12.3	18.9	25.4	29.3 b
	Hdg		309 310	308	305	
1,634		1	0.37			btm
1 _	Dpth		5.7 12.3			30.1 bt
bank	Нфд	i.	315 314	321	313	
m left 1,608			0.34	0.28	0.10	btm
Distance from left bank (feet)	Dpth		5.7 12.3			30.3 b
Dista	Hdg	1 0	30/ 311	321	320	
1,569	Vel		0.31	0.28	0.05	btm
	Dpth	1	5.7 12.3			
	Нфд		312 314	322	335	
1,542	Vel		0.35	0.36	0.10	t m
	Dpth Vel Hdg			18.9		29.3 b

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)Continued

		над	305 209 209 203
	1,831	Vel	0.24 0.23 0.03 btm
		Dpth Vel	5.7 12.3 18.9 25.0
		Hdg	309 309 315 205
	1,805	Vel	0.27 0.24 0.17 0.21 btm
(feet)	H	Dpth Vel	5.7 12.3 18.9 25.4 26.4 k
bank		Hdg	279 282 279 225
m left	1,766	Vel	0.30 0.27 0.25 0.14
Distance from left bank (feet)		Dpth	5.7 0 12.3 0 18.9 0 25.4 0
Dista	1,740	Hdg	307 309 311
		Vel	0.26 0.24 0.21 0.05 btm
		Dpth Vel	5.7 12.3 18.9 25.4
		ндд	311 312 316 116
	1,701	Vel	0.21 0.19 0.23 0.04 btm
		Dpth Vel	5.7 0 12.3 0 18.9 0 25.4 0

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)-Continued

			над	310	319	20		
	,	2,001	Vel	0.20	12.3 0.12	0.05	btm	
			Dpth	5.7	12.3	18.9	22.4 btm	
			Над	313	316	4		
	9	1,961	Vel	0.22	0.24	0.08	t m	
		1	Dpth	5.7	12.3 0.24 316	18.9	22.9 b	
	bank		Ĥdg	303	308	326		
,	m left	1,935	Vel	0.22	0.21 308	0.01	otm	
	Distance from left bank (feet)		Dpth	5.7	12.3	18.9	23.9 btm	
	Dista		Нфд	306	310	333		
	1	1,897	1,897	th Vel	0.25	0.25 310	90.0	otm
			Dpth	5.7	12.3	18.9	24.3 btm	
			Hdg		313			
	,	1,871	Vel	0.24	0.22	0.05	ot m	
			Dpth Vel	5.7	12.3	18.9	25.3 btm	

Table 110.-Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)Continued

Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg 2,129  292 5.7 0.12 241 5.7 0.08 129 5.7 0.13 87  315 12.3 0.18 285 12.3 0.03 54 12.3 0.11 90  94 18.9 0.04 216 20.6 btm 16.6 btm					Dist	Distance from left bank (feet)	m left	bank	(feet)					
Hdg Dpth Vel Hdg Dpth Vel Hdg Dpth Vel Hdg 09 292 5.7 0.12 241 5.7 0.08 129 5.7 0.13 87 07 315 12.3 0.18 285 12.3 0.03 54 12.3 0.11 90 05 94 18.9 0.04 216 20.6 btm 16.6 btm	2,03	<b>o</b>		2,065			2,104		-	2,129				
09 292 5.7 0.12 241 5.7 0.08 129 5.7 0.13 07 315 12.3 0.18 285 12.3 0.03 54 12.3 0.11 05 94 18.9 0.04 216 20.6 btm 16.6 btm	Dpth Vel		Dpth	Vel	Hdg	Dpth	Vel	НФЭ		Vel	Нфд	Dpth Vel	Vel	Hdg
09 292 5.7 0.12 241 5.7 0.08 129 5.7 0.13 07 315 12.3 0.18 285 12.3 0.03 54 12.3 0.11 05 94 18.9 0.04 216 20.6 btm 16.6 btm							:							
07 315 12.3 0.18 285 12.3 0.03 54 12.3 0.11 05 94 18.9 0.04 216 20.6 btm 16.6 btm 23.3 btm	5.7 0.08		5.7	0.12	241	5.7	0.08	129	5.7	0.13				
05 94 18.9 0.04 216 20.6 btm 23.3 btm	12.3 0.0			0.18	285	12.3	0.03	54	12.3	0.11				
23	18.9 0.0			0.04	216	20.6	btm		16.6	btm				
)	22.4 btm			btm										

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	178 209 195
	231	Vel	0.12 0.07 0.05 btm
		Dpth Vel Hdg	5.7 0. 12.3 0. 18.9 0. 21.3 btm
		над	195 318
	199	Vel	5.7 0.05 195 12.3 0.04 318 19.4 btm
(feet)	FT	Dpth Vel Hdg	5.7 0 12.3 0 19.4 btm
bank		Hdg	123 54
m left	178	Vel	5.7 0.04 123 12.3 0.07 54 17.5 btm
Distance from left bank (feet)		Dpth Vel Hdg	5.7 0 12.3 0 17.5 btm
Dist		Hdg	72 23
	153	Vel	5.7 0.10 12.3 0.08 14.2 btm
		Dpth vel Hdg Dpth vel Hdg	5.7 0. 12.3 0. 14.2 btm
		Ндд	23
	116	Vel	5.7 0.17 23 8.1 btm
		Dpth	8.1

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)-Continued

		Hdg	79 60 51 58
	368	Vel	0.12 0.11 0.10 0.08 btm
		Dpth	5.7 18.3 18.9 25.4
		Hdg	180 315 290 266
	343	Vel	0.00 0.02 0.03 0.05 btm
(feet)	e	Dpth	12.3 18.9 255.4 28.3
bank	305	Hdg	189 161 112
n left		Vel	0.08 0.04 0.04
Distance from left bank (feet)		Dpth	5.7 0. 12.3 0. 18.9 0. 26.1 btm
Dista		Hdg	162 150 150
	285	Vel	0.04 0.03 0.03
		Dpth	5.7 0 12.3 0 18.9 0 23.8 btm
		Hdg	162 174 162
	253	Vel	0.20 0.10 0.12 tm
		Dpth Vel	5.7 0.20 12.3 0.10 18.9 0.12 22.4 btm

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)-Continued

		Нфд	8 4 4 8 8 8 8 8 9 8 9 9 9 9 9 9 9 9 9 9
	517	Vel	0.19 0.11 0.13 btm
		Dpth	5.7 0. 12.3 0. 18.9 0. 24.7 btm
		над	41 104 95
	494	Vel	0.04 0.03 1 0.04 btm
(feet)	4	Dpth	5.7 0. 12.3 0. 18.9 0. 24.3 btm
bank		ндд	82 75 70
m left	459	Vel	0.08 0.05 0.04 btm
Distance from left bank (feet)		Dpth	5.7 0 12.3 0 18.9 0 24.9 btm
Dist		Hdg	35 41 341
	432	Vel	5.7 0.10 12.3 0.04 18.9 0.03 26.4 btm
		Dpth	5.7 0 12.3 0 18.9 0 26.4 btm
		Hdg	118 183 180 218
	407	Dpth Vel	5.7 0.04 12.3 0.06 18.9 0.02 25.4 0.02 28.5 btm
		Dpth	5.7 12.3 18.9 25.4 28.5

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)Continued

		над	315 307 293 280 220
	665	Vel	0.11 0.09 0.07 0.05 0.03 btm
	9	Dpth	5.7 12.3 18.9 25.4 32.0
		Hdg	325 325 311 344
	631	Vel	0.13 0.08 0.07 0.02 btm
(feet)	9	Dpth	5.7 12.3 18.9 25.4 33.3 b
bank	610	ндд	334 284 296 206
n left		Vel	0.12 0.05 0.01 0.01 btm
Distance from left bank (feet)		Dpth	5.7 12.3 18.9 25.4 31.6 b
Dista		Нфд	1 289 341 187
	574	Vel	0.10 0.04 0.07 0.03 btm
		Dpth Vel	5.7 12.3 18.9 25.4 29.1 k
		Нфд	340 270 80
	549	Vel	0.06 0.01 0.02 tm
		Dpth Vel	5.7 12.3 18.9 26.4 b

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)-Continued

		Hdg	320	318	306	315	330	
	805	Vel	0.30	0.26	0.18	0.16	0.12	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.0 k
		Hdg				308		
	769	Ve1	0.21	0.16	0.13	0.08	0.04	37.9 btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	
bank	746	Ндд		327			4	
n left		Vel	0.21	0.16	0.09	0.05	0.05	tm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	37.5 btm
Dista		Ндд	326	325	324	327	327	
	710	Vel	0.25	0.21	0.16	0.12	0.09	tm
		Dpth	5.7	12.3	18.9	25.4	32.0	36.6 btm
		Ндд	270	248	228	237	192	
	687	Vel	0.09	0.10	0.10	0.09	0.12	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	35.7 b

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)-Continued

		Нфд	312	308	292	236	172	
	950	Vel	0.15	0.15	0.11	90.0	0.07	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	35.5
		Hdg	305	287	275	259	204	
	913	Vel	0.19	0.15	0.18	0.13	0.08	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	32.0	36.0 b
bank		Hdg	317	308	303	281	247	
m left	068	Vel	0.23	0.18	0.18	0.11	0.07	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	36.8
Dist		над	306	280	254	260	222	
	852	Vel	0.21	0.15	0.13	0.08	0.05	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	37.4
		Hdg	307	292	260	252	208	
	829		0.17	0.14	0.10	0.09	0.07	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	37.9 1

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)Continued

		Ндд	332	321	309	322	135	
	1,099	ve1	0.26	0.13	0.14	0.09	0.01	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	34.3 btm
		Hdg				234		
	1,062	Vel	0.23	0.14	0.13	0.10	0.06	btm
(feet)	,	Dpth	5.7	12.3	18.9	25.4	32.0	34.6
bank		Hdg	336	334	330	344	20	
m left	1,037	Vel	0:30	0.23	0.17	0.11	0.07	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	34.7
Dist		над	331	320	310	304	80	
	1,012	Vel	0.24	0.14	0.12	90.0	0.04	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	35.0 btm
	ı	Hdg	331	331	327	321	0	
	975	vel	0.31	0.22	0.19	0.19	0.11	btm
		Dpth Vel	5.7	12.3	18.9	25.4	32.0	35.3 b

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)Continued

		Hdg		312				
	1,253	Vel	0.27	0.16	0.14	90.0	btm	
		Dpth	5.7	12.3	18.9	25.4		
		над		336		თ		
	1,215	Vel	0.28	0.22	0.20	0.02	btm	
(feet)		Dpth	5.7	12.3	18.9	25.4	29.5	
bank		Hdg	337	332	324	312		
m left	1,289	Vel	0:30	0.24	0.20	0.05	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	30.7 1	
Dista		Hdg	323	309	311	319		
	1,162	Vel	0.26	0.18	0.14	90.0	otm	
		Dpth Vel	5.7	12.3	18.9	25.4	32.3 btm	
		Нфд	316	297	287	275	208	
	1,124	Vel	0.25	0.16	0.17	0.11	0.08	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)Continued

		Hdg	313	318	290	193	
	1,406	Vel Hdg	0.31	0.21	0.09	0.10	otm
		Dpth	5.7	12.3	18.9	25.4	26.9 btm
		над	312	313	284	213	
	1,381	Vel Hdg	0.30	0.24	0.09	0.08	btm
(feet)		Dpth	5.7	12.3	18.9	25.4	27.2
bank	1,343	Ндд	323	323	302	191	
m left		Vel	0.28	0.23	0.15	0.02	btm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	27.4 1
Dista		Ндд	321	323	308	219	
	1,318	Vel	0.28	0.21	0.12	0.05	btm
		Dpth Vel	5.7	12.3	18.9	25.4	27.5 btm
	1,279	ндд		325			
		Dpth Vel	0.36	12.3 0.25	0.18	0.03	otm
		Dpth	5.7	12.3	18.9	25.4	27.8 1

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)Continued

		Hdg	325	331	26		
	1,559	Vel	0.32	0.22	0.04	otm	
	Dpth		5.7	12.3 0.	18.9	24.8 ]	
		Над	325	325	348		
	1,533	Vel	0.33	12.3 0.24 325	0.07	otm	
(feet)		Dpth	5.7	12.3	18.9	25.1 btm	
bank		над	325	324	325		
m left	1,495	Vel	0.41	12.3 0.28	0.08	btm	
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.5 btm	
Dista		Над	329	332	344		
	1,470			12.3 0.27		otm	
	And the second	Dpth Vel	5.7	12.3	18.9	26.0 btm	
		Hdg	326				
	1,431	Dpth Vel	0.42	0.34	0.17	0.05	otm
		Dpth	5.7	12.3	18.9	25.4	26.5 btm

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)-Continued

		Ндд	312	306	246	
	1,722	Vel	0.34	0.23	0.07	otm
		Dpth	5.7	12.3	18.9	24.1 btm
		Hdg	325	327	341	
	1,684	Vel	0.33	12.3 0.23	0.04	otm
(feet)		Dpth	5.7	12.3	18.9	24.3 btm
bank		Hdg	317	319	318	
m left	1,659	Vel	0.34	12.3 0.22 319	0.04	otm
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	24.6 btm
Dista		Hdg	316	314	263	
	1,622	Vel	5.7 0.25	0.16	.03	otm
		Dpth Vel	5.7	12.3	18.9	24.7 btm
		Нфд	330	334	341	
	1,597	Vel	0.37	0.27	0.08	otm
		Dpth	5.7	12.3 0.27	18.9	24.7 k

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)-Continued

		Hdg		325	326	324	
	1,873	Vel		0.41	12.3 0.29	0.13	btm
		1 1	5.7	12.3	18.9	25.6 btm	
		над		323	333	355	
	1,848	Vel Hdg		0.36	12.3 0.28	0.12	btm
(feet)		Dpth		5.7	12.3	18.9	25.2 btm
bank		над		337	351	26	
m left	1,810	Vel		0.28	12.3 0.17 351	90.0	btm
Distance from left bank (feet)		Dpth		5.7	12.3	18.9	24.6 btm
Dist		Hdg		339	351	17	
	1,785			0.41	0.32	0.18	btm
		Dpth Vel		5.7	12.3	18.9	24.1 btm
		Hdg		301	290	244	
	1,746	Dpth Vel Hdg			0.29	0.11	btm
		Dpth		5.7	12.3	18.9 0.	24.0 ]

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)-Continued

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)-Continued

		Hdg		319	324	318	317	320	
	2,192	Vel	6	0.33	0.33	0.19	0.19	0.20	btm
		Dpth	1	5.7	12.3	18.9	25.4	32.0	44.9
		Нфд			327	332	328	15	
	2,155	Vel	•	0.39	0.39	0.25	0.24	0.37	ptm
(feet)		Dpth	1	5.7	12.3	18.9	25.4	32.0	37.6 btm
bank		Hdg	1	305	309	307	349		
m left	2,131	Vel		0.34	0.29	0.21	0.05	btm	
Distance from left bank (feet)		Dpth	1	5.7	12.3	18.9	25.4	31.4 btm	
Dist		Нфд	(	322	328	338	0		
	2,095	Vel	•	0.39	0.32	0.17	0.02	btm	
		Dpth Vel	1	5.7	12.3	18.9	25.4	27.3	
		Hdg		316	324	340			
	2,060	Vel	•	0.36	0.28	0.11	btm		
		Dpth vel	1	5.7	12.3	18.9	25.8		

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)Continued

		Hdg	310	310	309	297	296	294	302	307	341	9	
	2,348	Vel	0.41	0.37	0.35	0.38	0.36	0.31	0.33	0.27	0.22	0.33	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	64.8	71.0 1
		Hdg	322	326	314	308	303	310	317	328	350		
	2,322	Vel	0.32	0.31	0.23	0.29	0.30	0:30	0.25	0.22	0.15	btm	
(feet)	2	Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	58.2	66.6 k	
bank		Hdg	305	313	303	296	299	297	308	316			
m left	2,282	Vel	0.28	0.25	0.23	0.24	0.26	0.25	0.22	0.16	btm		
Distance from left bank (feet)		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	51.7	64.5 1		
Dista		Hdg	320	326	320	312	314	315	326				
	2,256	Vel	0.36	0.32	0.28	0.29	0.29	0.28	0.22	btm			
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	58.5			
		Hdg	312	312	306	298	296	313	14				
	2,217	Vel	0.34	0.33	0.27	0.22	0.21	0.26	0.42	btm			
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1				

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)Continued

					Dist	Distance from left bank (feet)	om left	bank	(feet)					
	2,375			2,388			2,640		``	2,850			3,040	
Dpth	Vel	НФд	Dpth	Vel	Ндд	Dpth	Vel	Над	Dpth	Vel	Над	Dpth	Vel	ндд
5.7	0.32	322	5.7	0.36	289	10.0	0.24	ı	16.0	0.11	ı	19.0	0.27	ł
12.3	0.29	326	12.3	0.35	290	19.0	0.23	ì	32.0	0.16	ì	38.0	0.26	ì
18.9	0.27	315	18.9	0.37	283	29.0	0.23	ı	47.0	0.29	ı	58.0	0.21	ı
25.4	7	304	25.4	0.38	278	38.0	0.25	ı	63.0	0.21	ı	77.0	0.19	1
32.0	0.26	309	32.0	0.37	277	48.0	btm		79.0	btm		96.0	btm	
38.6	0.25	300	38.6	0.36	275									
45.1	0.27	310	45.1	0.33	276									
51.7	0.22	333	51.7	0.32	280									
58.2	0.16	9	58.2	0.25	292									
64.8	0.19	46	64.8	0.16	304									
74.4	btm		71.4	0.12	11									
			9.92	btm										

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)-Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	3,250			3,455			3,650	į		3,801			3,828	
Dpth Vel	Vel	Нфд	Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
21.0	0.24	ı	24.0	0.23	ı	24.0	0.22	ı	5.7	0.27	202	5.7	0.24	215
42.0	0.29	ı	45.0	0.14	ı	45.0	0.25	ı	12.3	0.29	204	12.3	0.26	210
62.0	0.35	ı	0.99	0.19	ı	0.99	0.17	ı	18.9	0.27	204	18.9	0.23	211
83.0	0.18	1	87.0	0.20	ı	87.0	0.16	ı	25.4	0.26	202	25.4	0.25	214
104.0	btm		108.0 1	btm		103.0 ]	btm		32.0	0.25	197	32.0	0.24	216
									38.6	0.24	193	38.6	0.21	215
									45.1	0.24	187	45.1	0.20	209
									51.7	0.24	188	51.7	0.18	199
									58.2	0.24	192	58.2	0.15	231
									64.8	0.24	196	73.9	btm	
									80.6	btm				

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)Continued

		Hdg										
		Vel										
		Dpth										
		Hdg	36									
	3,946	Vel	0.10	btm								
(feet)		Dpth	5.7	14.5 btm								
bank		Hdg	240	241	215							
m left	3,920	Vel	0.67	0.64	0.36	btm						
Distance from left bank (feet)		Dpth	5.7	12.3	18.9							
Dista		ндд	192	195	194	198	172					
	3,884	Vel	0.25	0.26	0.27	0.22	0.05	btm				
		Dpth	5.7	12.3		25.4	32.0	7.5				
		Hdg	206	208	213	216	205	204	321			
	3,844	Vel	•	0.18	•	0.18	0.19	0.16	90.0	btm		
		Dpth	5.7	2	ω	S	32.0	œ	Ŋ	64.7 b		

Table 112.-Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst) [Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

		Hdg	96	72		
	217	Vel	5.7 0.30	0.21	otm	
		Dpth Vel Hdg	5.7	12.3	19.4 btm	
		Нфд	101	43		
	189	Vel	0.19	12.3 0.07 43	tm	
(feet)	-	Dpth Vel Hdg	5.7	12.3	19.6 btm	
bank		Hdg	128	116		
n left	149	Vel Hdg	0.14	0.03	tm	
Distance from left bank (feet)		Dpth	5.7 0.14 128	12.3	19.7 btm	
Dista		Ндд	109	330		
	124	Vel Hdg	0.12	.3 0.03 330	ot m	
		Dpth	5.7	12.3	19.8 btm	
		Ндд		105		
	81	Vel	0.14	0.04	0.02	tm tm
		Dpth vel	5.7	12.3	18.9 0.02	20.2 p

Table 112.-Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst)-

			Hdg	81 336	
		377	Vel	5.7 0.04 81 12.3 0.06 336 19.8 btm	
			Dpth	5.7 0.12.3 0.19.8 btm	
			над	139 225	
		350	Vel	5.7 0.10 139 12.3 0.03 225 19.5 btm	
	(feet)	e	Dpth Vel Hdg	5.7 0. 12.3 0.	
) }	bank		ндд	126 30	
Continued	n left	311	Vel	5.7 0.11 126 12.3 0.02 30 19.5 btm	
Continued	Distance from left bank (feet)	;	Dpth Vel Hdg	5.7 0 12.3 0 19.5 btm	
	Dista		ндд	123 48	
		284	th Vel	0.15 123 0.08 48 btm	
			Dpth	5.7 0. 12.3 0. 19.3 btm	
7			Hdg	113	
		257		0.16 113 0.06 77	
• 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Dpth Vel	5.7 0. 12.3 0. 19.2 btm	

Table 112.-Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst)-

			Hdg	229	339	156	
		553	Vel	0.03	0.10	0.07	btm
			Dpth	5.7	12.3	18.9	22.8 btm
			над	308	355	265	
		512	Vel	0.02	0.13	0.09	btm
	(feet)	<u>.</u> ,	Dpth	5.7	12.3	18.9	21.9 btm
	bank		Над	40	Ø	318	
Continued	m left	485	Vel	0.09	0.20	0.03	otm
S	Distance from left bank (feet)		Dpth	5.7	12.3		21.0 btm
	Dist		Над	48	7	195	
		444	Vel	0.08	12.3 0.14	0.09	btm
			Dpth Vel	5.7	12.3	18.9	20.3 btm
			Нфд		333		
		417	Vel	0.01	12.3 0.10	0.19	btm
			Dpth	5.7	12.3	18.9	19.9

Table 112.-Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst)-Continued

			над	346	357	356	356	21	
		705	Vel	0.14	0.15	0.11	0.10	0.13	btm
, in the same			Dpth	5.7	12.3	18.9	25.4	32.0	
			над	341	345	347	37		
		211	Vel	0.28	0.27	0.25	0.33	btm	
	(feet)	9	Dpth	5.7	12.3	18.9	25.4	41.5 F	
	bank		Ндд	344	330	41			
	m left	648	Vel	0.24	0.24	0.97	btm		
	Distance from left bank (feet)		Dpth	5.7	12.3	18.9			
	Dista		над	336	350	9			
		909	Vel	0.13	12.3 0.14	0.12	otm		
			Dpth Vel	5.7	12.3	18.9	24.3 btm		
			Над		337				
		580	Opth Vel	0.09	12.3 0.21	0.07	otm		
			Dpth	5.7	12.3	18.9	23.8 E		

Table 112.-Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst)Continued

		над	ŧ	1	ı					
	1,400	Vel	0.24	0.16	0.16					
		Dpth	23.0	72.0	92.0	115.0 btm				
		ндд	ı	t	ı	115.0				
	1,190		0.25	0.15	0.15					
(feet)		Dpth	23.0	0.09	94.0	btm				
bank		Нфд	t	ı	ı	115.0 btm				
m left	1,000	Vel	0.34	0.29	0.13					
Distance from left bank (feet)		Hdg Dpth Vel Hdg Dpth Vel	24.0	48.0	96.0	btm				
Dista		Над	ı	ı	ı	120.0 btm				
	810		0.27	0.17	7.18	100.0 btm				
		Dpth Vel	20.0	40.0	80.0	100.0				
		Нфд	23	27	29	31	36	41	44	
	733	Dpth Vel	0.38	0.37	0.37	0.40	0.41	0.41	0.48	btm
		Dpth	5.7	12.3	18.9	25.4	32.0	38.6	45.1	62.5

Table 112.-Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst)Continued

					Dist	Distance from left bank (feet)	m left	bank	(feet)					
	1,600			1,800			2,000			2,156			2,185	
Dpth	Dpth Vel	Hdg	Dpt	ch vel	Над	Dpth	Vel	Hdg	Dpth	vel	Над	Dpth	Vel	Hdg
23.0	0.28	ı	23.0	0.23	ı	20.0	0.19	ı	5.7	0.10	172	5.7	0.38	207
46.0	0.24	ł	46.0	0.21	ł	41.0	0.16	ı	12.3	0.11	153	12.3	0.36	204
70.0	0.12	ı	70.0	0.16	ı	61.0	0.21	ı	18.9	0.09	140	18.9	0.29	195
93.0 0.	0.13	ı	93.0	0.12	ı	82.0	0.26	ı	25.4	0.09	118	25.4	0.26	193
116.0	btm		116.0 btm	btm		102.0	btm		32.0	0.12	93	32.0	0.24	194
									38.6	0.11	84	38.6	0.26	196
									45.1	0.11	77	45.1	0.22	194
									75.9	btm		51.7	0.07	193
												58.2	0.01	326
												70.7	btm	

Table 112.-Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst)-Continued

	2,314			2,342			2,381			2,415				
Dpth	Vel	Нфд	Dpth	Vel	Hdg	Dpth	Vel	над	Dpth	Vel	Ндд	Dpth	Vel	Hdg
		i												
5.7	0.32	200	5.7	0.24	197	5.7	0.33		5.7	0.63				
12.3	0.25	192	12.3	0.21	188	12.3	0.25	268	12.3	0.62	153			
18.9	0.21	189	18.9	0.15	181	18.9	0.26		18.9	0.81				
25.4	0.17	176	25.4	0.11	164	25.4	0.25	303		btm				
	0.16	158	32.0	0.11	141	32.0	0.14	45						
38.6	0.14	163	38.6	0.08	94	48.0	btm							
45.1	0.14	151	₹.	btm										
51.7	0.11	28												
	btm													